FIAT DUCATO
FIAT E-DUCATO

OWNER HANDBOOK

Dear Customer,

We would like to congratulate and thank you for choosing a Fiat Ducato. We have written this handbook to help you get to know all the features of your vehicle and use it in the best possible way. You should read it right through before taking to the road for the first time.

You will find information, tips and important warnings regarding the use of your vehicle to help you get the most from the technological features of your Fiat Ducato. It also provides a description of special features and essential information for the care and maintenance of your vehicle over time as well as for safe driving.

We urge you to read the warnings and indications found throughout the text with care, marked with the following symbols:

 personal safety;

 vehicle integrity;

 environmental protection.

NOTE These symbols, when necessary, are reported at the end of each paragraph and are followed by a number. That number recalls the corresponding warning at the end of the relevant section.

In the enclosed Warranty Booklet you will also find a description of the Dealer Services that the manufacturer offers to its customers, the Warranty Certificate and details of the terms and conditions for the maintenance of the vehicle.

We are confident that these tools will bring you closer to your new vehicle and make you appreciate the assistance provided by the Stellantis team.

Enjoy reading. Happy driving!

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

READ THIS CAREFULLY

REFUELLING

Only refuel with automotive diesel conforming to the European specification EN590. The use of other products or mixtures may damage the engine beyond repair and consequently invalidate the warranty, due to the damage caused.

STARTING THE ENGINE

Make sure that the parking brake is pulled; put the gear lever in neutral and depress the clutch pedal fully or put the automatic transmission or rotary control in P position (for versions/markets where applicable); without depressing the accelerator, then turn the ignition key to MAR and wait for the indicator lights and to go out (electric versions excluded); turn the ignition key to AVV and release it as soon as the engine has started or wait for the "READY" indicator light to come on (for electric versions).

PARKING ON FLAMMABLE MATERIAL

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

RESPECTING THE ENVIRONMENT

The vehicle is fitted with a system that allows continuous diagnosis of the emission-related components in order to help protect the environment.

ELECTRICAL ACCESSORIES

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

SCHEDULED SERVICING

Correct maintenance enables the vehicle to perfectly maintain performance and safety characteristics, its environmental friendliness and low running costs over time.

THE OWNER HANDBOOK CONTAINS...

... important information, advice and warnings for correct use, driving safety and maintenance of your vehicle over time. Particular attention should be paid to information marked with the following symbols: (personal safety), (environmental protection), (vehicle integrity).

GRAPHICAL INDEX

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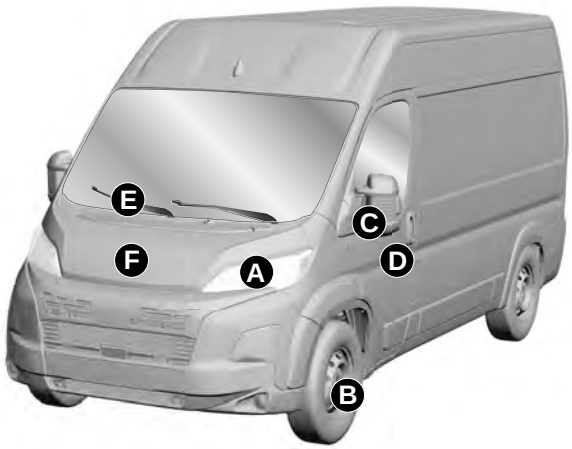

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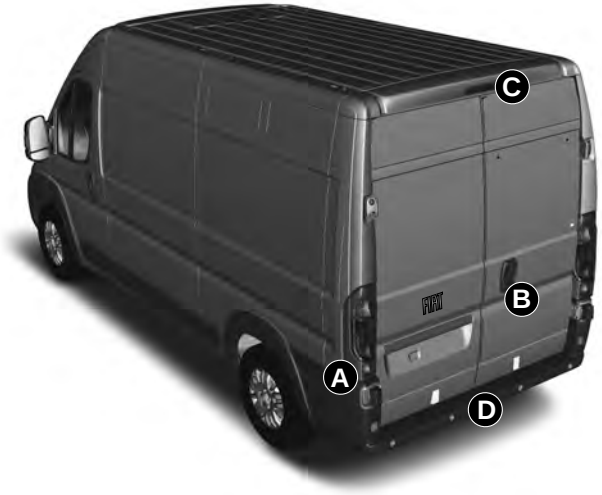

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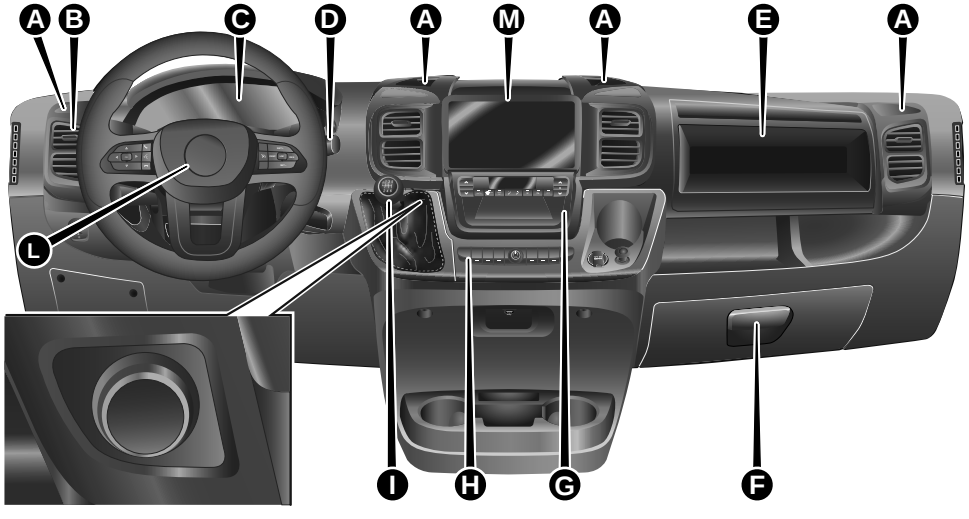
Dashboard (versions with Uconnect™ system)



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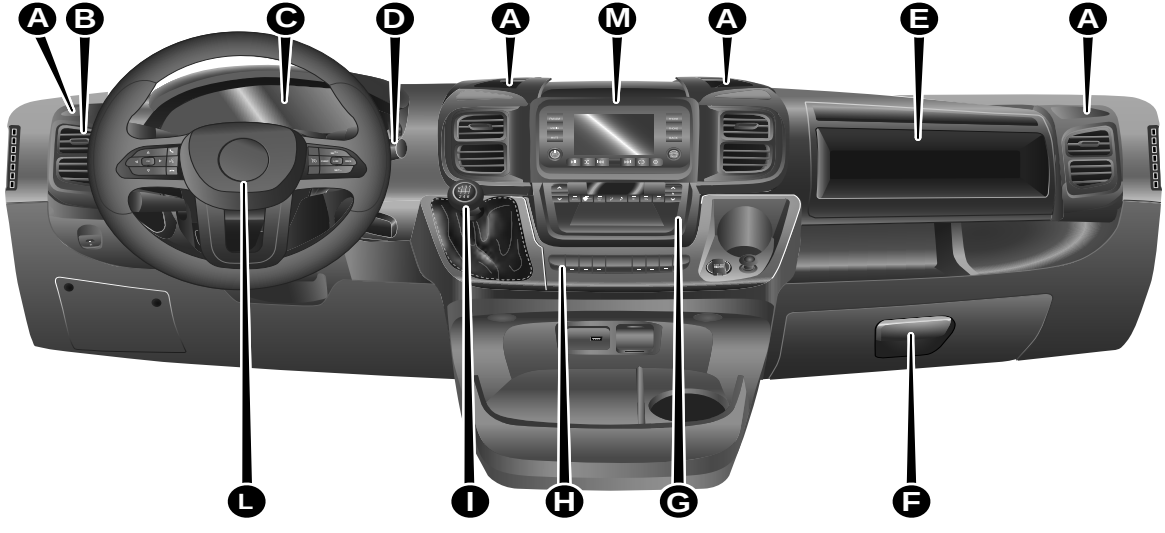
Dashboard (versions with Uconnect™ Radio 5" system)



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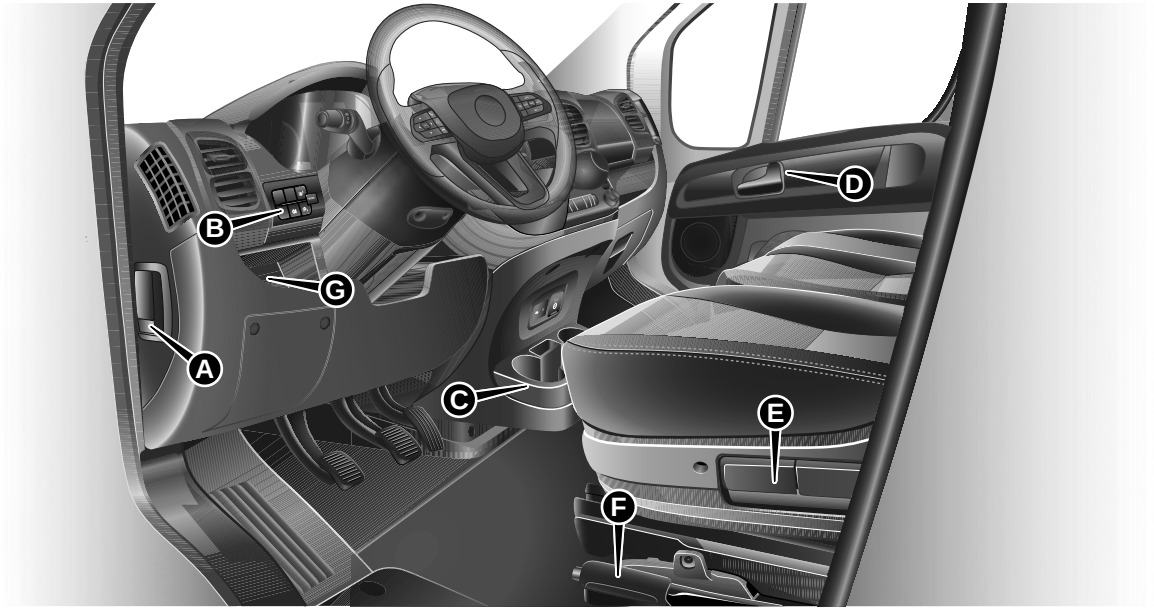

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KNOWING YOUR VEHICLE

In-depth knowledge of your new vehicle starts here.

The handbook that you are reading simply and directly explains how it is made and how it works.

That's why we advise you to read it seated comfortably on board, so that you can see what is described here for yourself.

SYMBOLS

Some vehicle components have coloured labels whose symbols indicate precautions to be observed when using this component. Under the bonnet there is also a label that summarises all the symbols.

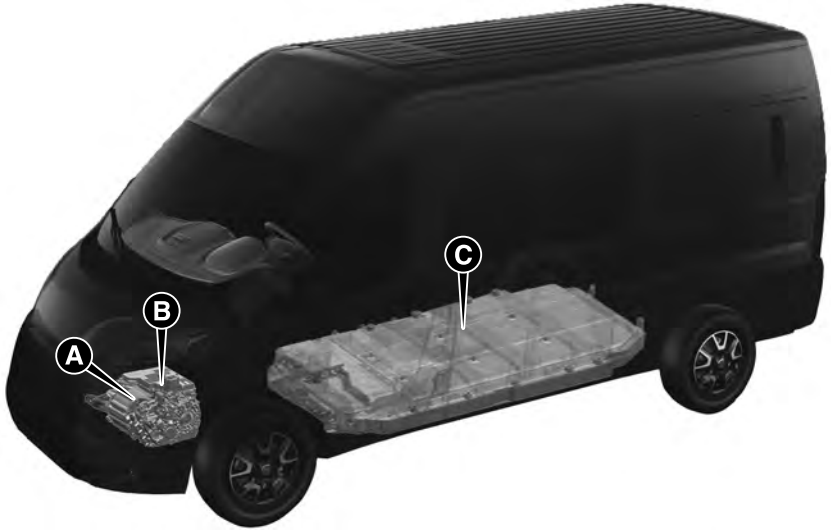
VEHICLE MODIFICATIONS / ALTERATIONS

WARNING Any modification or alteration of the vehicle might seriously affect its safety and road holding, thus causing accidents, in which the occupants could even be fatally injured.

OPERATING PRINCIPLE (for electric versions)

The propulsion system of the Fiat Ducato is completely powered by the energy contained in the high-voltage lithium-ion rechargeable battery included in the vehicle. Unlike conventional or hybrid cars, there is no internal combustion engine on this vehicle.
The Fiat Ducato uses the electrical energy stored in the high-voltage battery and not fuel. This battery provides the energy needed to start moving and therefore needs to be recharged before use. If the high-voltage battery is completely flat the vehicle will not start.
This vehicle also has a 12V battery of the same type as those used by cars with internal combustion engines. If the 12V battery is completely flat the vehicle will not start.
The 12V battery supplies power to the conventional electrical system: lights, windscreen wipers, restraint systems (airbags and pretensioners), sound system, etc.
The high-voltage battery supplies power to the electric motor and supplies the high-voltage auxiliary devices (heaters, electric climate compressor, etc.). The electronic converter that powers the 12V system for general operation of the vehicle is also powered by the high-voltage battery and also recharges the 12V battery.
The batteries are charged by connecting the charging port of the vehicle to the mains power supply using the charging cable. The battery is charged by connecting the charging socket of the car to the mains power supply using the charging cable.
The high-voltage battery is also partially recharged while driving during deceleration or braking. During this steps, the battery is recharged by regeneration via the electric motor. This is an efficient way of recharging as the kinetic energy of the vehicle is used and converted into electric energy.
Electric vehicles have specific characteristics of use, which is useful to know, to achieve optimal performance.
This vehicle respects the environment because it does not emit exhaust gases and therefore has zero CO_2 emissions.

FUNCTIONAL DIAGRAM OF THE ELECTRIC VEHICLE



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A. Traction electric motor B. Voltage converter C. High-voltage battery

HIGH-VOLTAGE BATTERY

(for electric versions)

The high-voltage battery is located at the bottom of the vehicle in a central zone and is maintenance-free.

The high-voltage battery is lithium-ion. Lithium-ion battery provides the following benefits:

❒ it is much lighter than other types of chargeable batteries of the same size;

❒ it keeps the charge longer;

❒ it has no memory effect, i.e. it is not necessary to discharge it completely before recharging, as is the case with other types of batteries;

❒ it can be recharged and discharged, charging times vary depending on home or public charging mode and power.

The high-voltage battery in the larger version (with more energy) has a nominal voltage of 350V, while in the smaller version the voltage is 395V.

The high-voltage battery is equipped with conditioning systems that ensure that it operates under the best temperature conditions appropriate to its operation.

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The vehicle is equipped with a safety device that inhibits the activation of the high-voltage system. This device is normally used by Dealerships to repair and service the vehicle.

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HIGH-VOLTAGE BATTERY DISPOSAL

(electric versions)

The high-voltage battery is designed to last for the lifetime of the vehicle. If it is necessary to replace the battery, please contact a Dealership for information on disposal.

NOTE The vehicle is provided with a high-voltage lithium-ion battery. Inappropriate disposal of this type of battery carries a risk of serious burns, electric shock and damage to the environment. In accordance with national and international battery regulations, the Manufacturer an adequate collection of this component in cooperation with qualified operators for the proper handling of the batteries to be disposed of.

GENERAL INFORMATION

(electric versions)

The vehicle is also equipped with a battery management system designed to:

❒ ensure safe operation

❒ optimise driving range

❒ optimise the working life of the high-voltage battery

NOTE You can hear a click from inside the vehicle when the vehicle is starting and switching it off. When the ignition device is in the ENGINE position, the high-voltage battery contactors are closed to allow the distribution of the accumulated electricity to use the vehicle. This typical sound is the noise of these contactors opening and closing and is normal for the vehicle.

If the temperature of the high-voltage battery is below -10°C, or above 40°C, some vehicle functions may change or turn off as battery performance decreases outside this temperature range.

OPERATING MODE

(electric versions)

As with a vehicle with automatic transmission, you must get used to not using your left foot to activate the clutch pedal which is not present. While driving, when you lift your foot off the accelerator pedal or when you press the brake pedal during deceleration, the motor generates electric current which is used to brake the vehicle and recharge the high-voltage battery. Refer to the "eBraking mode" chapter in the "Starting and driving" section.

Special case: after the high-voltage battery has been fully recharged and during the first kilometres of use of the vehicle, the exhaust

brake is in a temporary condition of reduced effectiveness. Adapt your driving accordingly.

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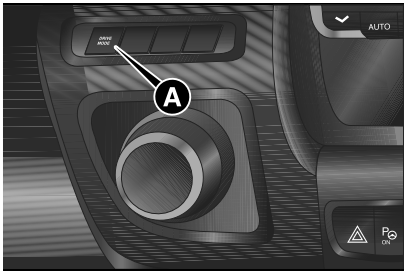
While driving, press the DRIVE MODE button (A) fig. 7 button located on the dashboard. This device allows you to set three different driving modes according to the driver's needs:

- ❒ NORMAL
- ❒ POWER
- ❒ ECO

Using the on-board electronics, the device acts on the dynamic control system of the vehicle (motor, ESC system), interfacing the instrument panel as well. Engagement of the required driving mode is indicated on the instrument panel display with a dedicated message. The system does not allow you to change the driving mode when you drastically reduce the performance of the electric motor (see paragraph on performance limitations). When the motor is started, the system usually maintains the driving mode that was active before the vehicle was stopped.

The standard operating mode is "NORMAL". Pressing the button once activates "POWER" mode. Pressing the button again to activate ECO" mode".

Driving mode selection is not available in "Performance limitation - Turtle mode".



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"NORMAL" mode

In "NORMAL" mode, the vehicle has no performance limitations and can be driven fast using all the power and torque of the traction system, up to a maximum speed of 130 km/h for vehicles with a GVW of 35 q and 90 km/h for vehicles with a GVW of 42.5 q. In this mode, the energy consumption of the vehicle depends on the driving style.

In "NORMAL" mode, when the accelerator pedal is released, the vehicle slows down with an motor braking effect similar to that of a conventional vehicle. During this phase, the high-voltage battery is partially recharged (regeneration).

In “NORMAL”, when the rotary control is in D, the brake pedal must be pressed to keep the vehicle stationary. The "creeping" function is also available. The vehicle will start to move forward (with transmission in "D") or backward (with transmission in "R") when the brake pedal is released. The accelerator should not be pressed in this case.

"POWER" mode

In "e-POWER" mode, the vehicle has no performance limitations and can be driven fast using all the power and torque of the traction system, up to a maximum speed of 130 km/h for vehicles with a GVW of 35 q and 90 km/h for vehicles with a GVW of 42.5 q.

"ECO" mode

When ECO mode is selected, the accelerator pedal response is milder and the maximum speed for vehicles with a laden mass of 35 q is electronically limited to 90 km/h. "ECO mode significantly helps to adopt a driving style aimed at maximum efficiency and maximises the range of the vehicle.

Energy consumption is also optimised by reducing heating and air conditioning output.

In ECO mode, by fully pressing the accelerator pedal, the full power and torque of the traction system can be utilised (e.g. to perform an overtaking manoeuvre) and the 90 km/h speed limitation for vehicles with a laden mass of 35 q is temporarily deactivated.

Performance limitation - Turtle mode

"Turtle" mode is activated automatically when the remaining range is less than 24 km, but can be temporarily deactivated in case of emergency (for example to clear a junction) by quickly depressing the accelerator pedal fully (kick-down function).

Range: 24-16 km

❒ Amber high-voltage battery charge status indicator, symbol on the instrument panel display lit for 6 seconds.
❒ Speed according to the selected mode (NORMAL, POWER, ECO).
❒ The heated rear window, windscreen, mirrors and seats are deactivated automatically (but can be reactivated manually if necessary).

Range: 16-8 km

❒ Red high-voltage battery charge status indicator, symbol on the instrument panel display lit fixed.
❒ Speed according to the selected mode (NORMAL, POWER, ECO).
❒ The heated rear window, windscreen, mirrors and seats are deactivated automatically (but can be reactivated manually if necessary).

Range: 8-0 km

❒ Red high-voltage battery charge status indicator, symbol on the instrument panel display lit fixed.
❒ Top speed: 70 km/h.
❒ The climate control system is deactivated, and the fan and quick defrosting may be activated. The heated rear window, windscreen, mirrors and seats are deactivated automatically (but can be reactivated manually if necessary).

Range: ≈0 km (emergency conditions)

❒ Red high-voltage battery charge status indicator, symbol on the instrument panel display blinking.
❒ Top speed: 70 km/h.
❒ The climate control system is deactivated, and the fan and quick defrosting may be activated. The heated rear window, windscreen, mirrors and seats are deactivated automatically (but can be reactivated manually if necessary).

NOTE Turtle mode speed limits are disabled when the Speed Limiter or Cruise Control is active.

WARNING

1) *The propulsion system of the electric vehicle is connected by the high-voltage battery and when the system is active the components are then powered at high-voltage. Observe the warning messages on the labels on the vehicle when accessing the engine compartment. Any intervention or modification on the high-voltage electrical system of the vehicle (components, cables, connectors, high-voltage battery) is strictly forbidden due to the risks it may imply for your safety. In this case, contact a Dealership. Tampering with the high-voltage system can lead to serious burns or electrical discharges with even fatal consequences.*
2) *Do not resell, give away or modify the high-voltage battery. The high-voltage battery must only be used on the vehicle on which it is supplied. If used outside the vehicle or modified, accidents such as electric shock, heat or smoke generation, explosion or electrolyte leakage may occur.*
3) *If the vehicle is scrapped without removing the high-voltage battery, contact with high-voltage components, cables and connectors could cause very dangerous electric shock.*
4) *If the high-voltage battery is not disposed of properly, it may cause electric shock, resulting in serious injury or death.*
5) *Under no circumstances may the motor brake replace pressing the brake pedal.*
6) *In case of bad weather and flooded roads: Do not drive on a flooded street if*

the water level exceeds the lower part of the wheel rims.
7) *Due to the quiet operation of your electric vehicle, always set the speed selector switch to P and engage the electric parking brake and stop the motor before leaving the vehicle. DANGER OF SERIOUS INJURY.*

IMPORTANT

1) *Never tamper with this component which is used only in case of maintenance of the vehicle by a qualified technician at Dealership.*

IMPORTANT

1) *Do not dispose of the battery yourself. If the vehicle is scrapped, the high-voltage battery must be disposed of at a Dealership, which has the technical expertise to dispose of them in complete safety.*
2) *Live parts of the vehicle are marked with safety warning labels. The high-voltage battery bears a label indicating this danger.*

THE FIAT CODE SYSTEM

IN BRIEF

This is an electrical engine locking system which increases protection against attempted theft of the vehicle. Operation is automatic, regardless of the fact that the vehicle doors are locked or unlocked.
Each key contains an electronic device which modulates the signal emitted when starting by an aerial built into the ignition device. The signal, which changes each time the engine is started, is the "password", by means of which the control unit recognises the key and enables starting.
2)

OPERATION

Each time the vehicle is started turning the ignition device to **MAR**, the Fiat CODE system control unit sends a recognition code to the engine control module to deactivate the immobiliser.
The code is sent only if the Fiat CODE system control unit has recognised the code transmitted from the key.
Each time the ignition device is turned to STOP, the Fiat CODE system deactivates the functions of the engine control module.

IRREGULAR OPERATION

If the code has not been recognised correctly during starting, the warning light turns on accompanied by the related message on the instrument panel (see chapter “Warning lights and messages”).
In this case, return the ignition device to the **STOP** position and then to **MAR**.
If the lock persists try again with the spare set of keys. Contact a Dealership if you still cannot start the engine.

WARNING Each key has its own code which must be stored by the system's control unit. Contact a Dealership to have new keys (up to 8) stored with a code.

Activation of icon / warning light while driving

❒ If the icon/warning light switches on, this means that the system is running a self-diagnosis (for example due to a voltage drop).
❒ If the icon/warning light stays on, contact a Dealership.

IMPORTANT

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

THE KEYS

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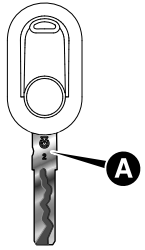
MECHANICAL KEY

(for versions/markets, where provided)

The metal part (A) fig. 8 of the key is fixed.

The key operates:

- ❒ the ignition device;
- ❒ the door lock;
- ❒ opening and closing of the fuel tank cap;
- ❒ the lock on the dashboard drawer;
- ❒ the battery disconnect switch.



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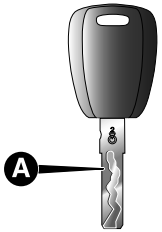
Versions with "Keyless Go" system (hands-free access and start)

On versions equipped with the "Keyless Go" system, the vehicle is fitted with a mechanical key.

The metal part (A) fig. 9 of the key is fixed.

The key operates:

- ❒ opening and closing of the fuel tank cap;
- ❒ the lock on the dashboard drawer;
- ❒ the battery disconnect switch.



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KEY WITH REMOTE CONTROL

(for versions/markets, where provided)

The metal insert (A) fig. 10, fig. 11 or fig. 12 is retractable and operates:

- ❒ the ignition device;
- ❒ the door lock;
- ❒ opening and closing of the fuel tank cap;
- ❒ the lock on the dashboard drawer;
- ❒ the battery disconnect switch.

Version with 3 sensors

Press button (B) fig. 10 to open/close the metal insert.

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Version with 2 sensors

Press the button (B) fig. 11 or (B) fig. 12 to open/close the metal insert.

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(Where provided)

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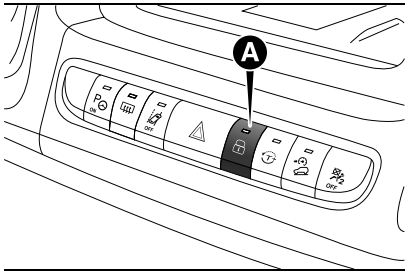
Dashboard LED indications

For vehicles not provided with alarm system, when locking the doors, the LED (A) fig. 13 on for about 3 seconds and then starts flashing (deterrence function).

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

For vehicles equipped with an alarm system, the LED will flash quickly when the doors are centrally locked for about 3 seconds. The LED will flash more slowly when the alarm is on.



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ELECTRONIC KEY

(versions with Keyless Go system)

On versions equipped with "Keyless Go" system, the vehicle has an electronic key fig. 14, of which two copies are provided.

The button configuration may vary depending on the vehicle.

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OPERATION

Unlocking doors and load compartment

Briefly press the button / (where provided): unlocking of the load compartment doors, timed switching-on of internal lights and double flashing of direction indicators (where provided).

When the function is available, press and release the unlock button on the remote control once only to unlock the driver's door or twice within 1 second to unlock all doors and the load compartment.

The current setting can be changed using the display Menu or the **Uconnect™** system, for the system to unlock the driver door only or all the doors the first time the button is pressed on the remote control.

For more information, see the "Display" chapter in the "Knowing the instrument panel" section.

The doors can always be unlocked by putting the metal insert inside the driver side door lock.

Door lock and load compartment

Briefly press the button : lock of doors and load compartment with interior ceiling light off and single flash of direction indicators (where provided).

For vehicles with keys with remote control, if one or more doors are open, the doors will not be locked.

This situation is indicated by a rapid flashing of the direction indicators (where provided). The doors will be locked if the load compartment is open instead.

For vehicles with electronic keys, if one or more doors are open, the doors are locked anyway and this is indicated by a rapid flashing of the direction indicators (where provided).

The doors prepare for locking, which is active from the moment they are closed. The doors will unlock again only if the key presence is detected inside the passenger compartment.

Opening the load compartment

Press the button once to open the load compartment remotely (where provided).

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

REPLACING THE BATTERY IN THE KEY WITH REMOTE CONTROL

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To replace the battery, proceed as follows:

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❒ apply a small bit screwdriver to the points indicated by the arrows fig. 15 then remove the rear casing (A) fig. 16;

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❒ use a coin to turn inspection flap (B) anticlockwise and remove it;

❒ replace battery (C) with a new one of the same specifications, respecting its polarity;

❒ refit flap (B) turning it clockwise, then re-close the rear casing by pressing gently and making sure it is correctly locked

REPLACING THE ELECTRONIC KEY BATTERY

To replace the battery, proceed as follows:

❒ extract the metal insert in the electronic key (see description above);

❒ gently inserting the flat part of the screwdriver supplied with the vehicle into the seat (A) fig. 17 of the key to open it in two parts;

❒ remove the battery (B) fig. 18 (CR2032 type);

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❒ insert a new battery, making sure that the polarity is correct;
❒ refit the two parts of the electronic key, ensuring that they are locked correctly;
❒ reinsert the metal insert in the key.

WARNING The battery replacement operation must be carried out with care, in order not to damage the electronic key.

REQUEST FOR ADDITIONAL KEYS

Key with remote control

The system can recognise up to 8 keys with remote control.

Electronic key

To guarantee that the engine starts and the vehicle operates correctly, use only electronic keys specifically coded for the electronics of the vehicle.

If an electronic key is coded for a vehicle, it cannot be used on any other car.

Duplicating keys

Should a new key with remote control or a new electronic key be necessary, contact a Dealership, taking an ID document and the vehicle ownership documents.

WARNING

8) *Do not swallow the battery. Danger of chemical burns. The keys contain a small battery. If the battery is swallowed, it can cause severe internal burns in just 2 hours and cause death. Keep new and used batteries out of the reach of children. If the battery compartment does not close securely, discontinue use of the product and keep it out of reach of children. If you believe that batteries may have been swallowed or inserted inside the body, seek medical attention immediately. The emergency key (where provided) must be immediately inserted into the electronic key to prevent easy access to the battery.*
9) *Button (B) should only be pressed when the key is away from the body, in particular from the eyes and from objects that can be spoilt (e.g. clothes). Do not leave the key unattended to avoid the button being accidentally pressed while it is being handled, e.g. by a child.*

IMPORTANT

3) *The electronic components inside the key may be damaged if the key is subjected to strong shocks. In order to ensure complete efficiency of the electronic devices inside the key, it should never be exposed to direct sunlight.*
4) *Do not place keys near the wireless charger.*

IMPORTANT

3) *Used batteries may be harmful to the environment if not disposed of correctly. They must be disposed of as specified by law in the special containers or taken to a Dealership, which will take care of their disposal.*

IGNITION DEVICE

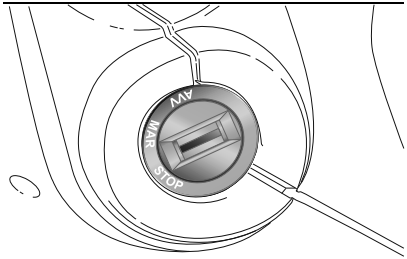
Versions with mechanical key

The key can be turned to 3 different positions fig. 19:

❒ STOP: engine off, key can be extracted, steering locked. Some electrical devices (e.g. **Uconnect™**, central door locking system, etc.) can operate;

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

❒ AVV: engine starting (unstable position).



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

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Versions with electronic key ("Keyless Entry" system)

To activate the ignition device fig. 20 the electronic key must be inside the passenger compartment within the first row of seats fig. 21.

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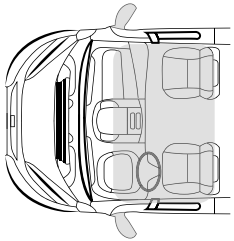

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The ignition device has the following possible states:

❒ STOP: the motor is off. Some electrical devices (e.g. central door locking system, alarm, etc.) are still available;

❒ ENGINE: driving position. All electrical devices are available. This state can be selected by pressing the ignition device button once, without pressing the brake pedal;

❒ START: starting the engine.

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NOTE The ignition device does NOT activate if the electronic key is inside the load compartment and this is open.

NOTE With the ignition device in the ENGINE position, if 30 minutes pass with P (Park) transmission and the motor stopped, the ignition device will automatically move to the STOP position.

NOTE With the ignition device in the ENGINE position, if 15 minutes pass with transmission in position N, motor off and vehicle stopped, the ignition device will automatically switch to the STOP position.

NOTE With the engine running, it is possible to go away from the vehicle taking the electronic key with you. The engine will still be running. The vehicle will indicate the absence of the key on board when the door is closed.

NOTE If the device does switch off the vehicle, refer to the “Display” chapter in the “Knowing the instrument panel” section , where available, and contact a Dealership as soon as possible. For more information on the engine start-

up, see the description in the "Starting the engine" chapter in the "Starting and driving" section.
NOTE The electronic key can be disabled for starting if it is left in the vehicle. To do this:
❒ close all doors, including the load compartment door;
❒ press the lock button on another key twice or the button located under the handle with another electronic key, waiting at least 3 seconds between each press;
❒ wait 30 seconds without unlocking the vehicle or opening the doors.
To reactivate the previously disabled electronic key you must either start the vehicle with an enabled electronic key or unlock the vehicle using an enabled electronic key.

STEERING COLUMN LOCK

Activation

Versions with mechanical key: with the device at STOP, remove the key and turn the steering wheel until it locks.

WARNING If the ignition key has been moved from the MAR to the STOP position, the steering lock cannot engage until the key is removed from the ignition device.

Versions with electronic key: the steering lock engages when the driver door is opened, with the starter switch button at STOP and speed below 3 km/h.

Deactivation

Versions with mechanical key: slightly moving the steering wheel, turn the key to the MAR position.
Versions with electronic key: the steering column lock disengages when the ignition device is pressed and the electronic key is recognised.

WARNING On automatic transmission versions, to remove the key smoothly, we advise you to position the gear lever to P, release the brake in safe conditions and then turn off the engine.

15)

Extracting the ignition key for versions with automatic transmission

If the engine is switched off with the gear lever in position P; move the lever to P within 5 seconds. If the engine is switched off with the gear lever in position P; move the lever to P within 5 seconds. Then it will be possible to remove the ignition key for about 30 seconds. If the described conditions and times are not respected, the ignition key will be automatically locked. To remove the ignition key, turn it to MAR and then to STOP repeating the procedure described above.

WARNING

10) *If the ignition device has been tampered with (e.g. attempted theft), have it checked over by a Dealership before driving again.*
11) *Always take the key with you when you leave your vehicle to prevent someone from accidentally operating the controls. Remember to engage the parking brake. Engage first gear if the vehicle is parked uphill or reverse gear if the vehicle is parked downhill. Never leave children unattended in the vehicle.*
12) *Never extract the key while the vehicle is moving. The steering wheel will automatically lock as soon as it is turned. This also applies to cases in which the vehicle is towed.*
13) *Before leaving the vehicle, ALWAYS engage the electric parking brake using the switch on the part of the dashboard on the driver's side. Put the transmission in the P (Park) position and press the ignition device to set it to STOP. Always lock the doors when you leave the vehicle.*
14) *Do not leave the electronic key inside or near the vehicle or in a place accessible to children. Do not leave the vehicle with the ignition device in ENGINE position. A child could activate the electric window winders, other controls or even start the vehicle.*

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

SENTRY KEY® (anti-theft protection, electronic immobiliser)

The **Sentry Key®** system prevents unauthorised use of the vehicle preventing to start the motor.
The system does not need to be enabled/activated: operation is automatic, regardless of the fact that the vehicle's doors are locked or unlocked.
When the ignition device is set to ENGINE, the **Sentry Key®** system identifies the code transmitted by the key. If the code is recognised as valid, the **Sentry Key®** system enables motor starting.
When the ignition device is brought back to STOP, the **Sentry Key®** system deactivates the control unit controlling the motor, thus preventing its starting.

For the correct motor starting procedures, see the instructions in the "Starting the motor" chapter in the "Starting and driving" section.

IRREGULAR OPERATION

If, during starting, the key code is not correctly recognised, the icon is displayed on the instrument panel (see the instructions in the "Warning lights and messages" chapter in the "Knowing the instrument panel" section). This condition leads to the engine switching off after 2 seconds. In this case, bring the ignition device to STOP and ENGINE; if it is still blocked, try with the other keys provided. If it is still not possible to start the engine, contact a Dealership.
If the icon is displayed while driving, this means that the system is running a self-diagnosis (e.g. due to a voltage drop). If the display persists, contact a Dealership.

ALARM (electric versions)

ALARM ACTIVATION

The alarm goes off in the following cases:

❒ wrongful opening of doors/bonnet/boot (perimeter protection);
❒ operation of starting device with a key which is not validated.
Activation of the alarm triggers the horn and the direction indicators.

WARNING The immobilizer function is provided by the **Sentry Key®**system, which is automatically activated when you get out of the vehicle taking the electronic key with you and locking the doors.

WARNING The alarm is adapted to meet requirements in various countries.

SWITCHING ON THE ALARM

With the doors, bonnet and tailgate closed and the ignition device turned to STOP, point the electronic key towards the vehicle and press and release button .
The alarm can also be engaged by pressing the "door lock" button,

located on the door external handle. For further information, see the "Passive Entry" paragraph in the "Doors" chapter.

The system emits a visual and acoustic warning (where provided) and enables door locking.

The activation of the alarm is preceded by a self-diagnosis stage: if a fault is detected, the system emits a further acoustic warning.

If, after the alarm is switched on, a second acoustic warning is emitted, wait about 4 seconds and switch off the alarm by pressing the button, check that the doors, bonnet and boot are closed correctly and then reactivate the system by pressing the button.

If the alarm emits an acoustic warning even when the doors, bonnet and boot are correctly closed, an anomaly has occurred in system operation: in this case, contact a Dealership.

Locking doors without alarm insertion is also always possible by locking the doors through the emergency locking procedure. For more information see "Emergency opening and closing" in the "Doors" chapter.

WARNING If the doors are unlocked by putting the metal insert into the driver side door lock, the alarm, if previously enabled, is not disabled. It will be possible to disable the alarm by turning the ignition device switch to ENGINE, or by pressing button on the remote control.

TURNING THE ALARM OFF

Press the button. The following operations are performed:

- two brief flashes of the direction indicators (where provided);
- two brief acoustic signals (where provided);
- doors are unlocked.

For versions with Passive Entry function, the alarm can be switched off by the key holder by pressing the door opening button on the external handle. For further information, see the "Passive Entry" paragraph in the "Doors" chapter.

DISARMING THE ALARM

To completely deactivate the alarm (e.g. during a long period of vehicle inactivity), close the doors using the emergency locking manoeuvres described in the "Doors" chapter.

WARNING If the batteries of the key with the remote control run out or the system fails, the alarm can be switched off by placing the ignition device switch in the ENGINE position.

ELECTRONIC ALARM

(for versions/markets, where provided)

The alarm, in addition to all the remote control functions described previously, is controlled by the receiver located under the dashboard near the fusebox.

OPERATION

The alarm goes off in the following cases:

- wrongful opening of a door or the bonnet (perimeter protection);
- when the ignition system is started up (ignition key turned to MAR-ON);
- cutting of the battery leads.

Depending on the market, activation of the alarm may cause the siren and the direction indicators to activate (for about 26 seconds). Alarm tripping and the number of cycles depend on the sales market.

There is a maximum number of acoustic/visual cycles. When this is reached the system returns to normal operation.

WARNING The engine stop function is guaranteed by the Fiat CODE, which is automatically activated when the ignition key is extracted from the ignition switch.

ACTIVATION

With the doors and bonnet closed and the ignition key either turned to STOP or removed, point the key with the remote control towards the vehicle and press and release the or lock button or locking the vehicle using the Passive Entry/ Keyless Entry system.

Excluding some markets, the system produces an acoustic warning (beep) and enables door locking.

The turning on of the alarm is preceded by an self-diagnosis stage: if a fault is detected, the system produces another acoustic warning.

In this case, turn the alarm off by pressing the "release doors/release load compartment" button or unlock the vehicle using the Passive Entry/Keyless Entry system, check that the doors and bonnet are properly closed and turn the alarm back on by pressing the lock button.

If a door or the bonnet is not properly shut, it will be excluded from the testing by the alarm system.

If the alarm produces an acoustic warning even when the doors and bonnet are correctly closed, a fault has occurred in the operation of the system. Always go to a Dealership.

WARNING The alarm does not come on when the central locking is activated using the metal insert of the key.

WARNING The alarm is adapted to meet requirements in various countries.

DEACTIVATION

Press the "unlock door/unlock load compartment" button on the key with remote control or unlock the vehicle using Passive Entry/Keyless Entry system.

The following operations are performed (excluding some markets):

- direction indicators flash twice;
- two brief acoustic signals ("beeps");
- doors are unlocked.

WARNING The alarm does not switch off when the central opening is activated using the metal insert of the key.

BREAK IN ATTEMPT INDICATION

In the event of a break-in attempt, the warning light on the instrument panel turns on (see the "Warning lights and messages" chapter in the "Knowing the instrument panel" section).

DISARMING THE ALARM

To permanently disable the alarm (e.g. during a long period of inactivity), simply lock the vehicle by turning the metal insert of the key with remote control in the lock.

WARNING If the batteries of the key with remote control run out or in case of a system fault, the alarm can be switched off by placing the key in the ignition device and turning it to MAR.

DOORS

DOOR CENTRAL LOCKING/UNLOCKING

Locking from the outside

With the doors closed, press the button on the key fig. 22, fig. 23, fig. 24, fig. 25 or insert and turn the metal insert (A) in the driver's door lock clockwise. The doors will only be locked if all doors are shut.

Press button (B) to open/close the metal insert.

If one or more of the doors is open after the button on the key is pressed, the direction indicators and the LED in the button (A) fig. 26 will flash quickly for about 3 seconds. With the function on, the button (A) fig. 26 is disabled.

Pressing button on the key twice in quick succession to activate the dead lock device (see the "Dead lock device" paragraph).

Door unlocking from the outside

Briefly press button fig. 22, fig. 23 or fig. 25, or fig. 24 (where provided), according to the version, to remotely unlock the front doors, switch on the ceiling lights or, where provided, in a timed manner and flash the direction indicators.

Version with 3 sensors

22 F1A1106

Version with 2 sensors

23 F1A1107

(Where provided)

24 F1A1108

25 F1A0603

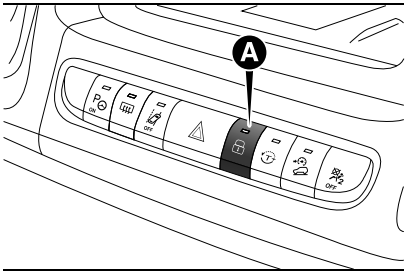
Locking/unlocking doors from the inside

Press the button (A) fig. 26 to lock the doors and press it again to unlock them. Locking / unlocking is centralised (front and rear).

When the doors are locked, the LED in button (A) is on and, when the button is pressed again, all the doors are centrally unlocked and the LED is switched off.

When the doors are unlocked, the LED is off and pressing the button again centrally locks all the doors. The doors will be locked only if all the doors are properly shut.

After locking the doors with the key with remote control or by turning the metal insert in the door latch, it will not be possible to unlock them using the button (A) fig. 26 on the dashboard.



26 F1A0643

WARNING For versions with automatic transmission and central locking already engaged, positioning the gear lever in the "P" position and operating the opening lever of one of the two front doors to disengage the central locking system. If central locking function is used with the gear lever already in the "P" position, the doors will not unlock centrally when the door opening lever is operated. For versions with manual transmission and central locking already engaged, with the clutch lever released, acting on the opening lever of one of the two front doors will disengage the central locking system. The doors will not be unlocked centrally if the door opening lever is operated before the clutch lever is released. The Setup Menu can be used to select whether to unlock the front only or the entire vehicle when either front door is opened.

If a power supply is not present (blown fuse, battery disconnected, etc.) it is, however, possible to lock the doors manually.

While travelling, at speeds exceeding 20 km/h, all the doors will be locked automatically if the function was selected in the Setup menu.

PASSIVE ENTRY/ KEYLESS ENTRY

(where provided)

5)

The Passive Entry/Keyless Entry can identify the presence of an electronic key near the doors of the vehicle.

The system allows the doors to be locked/unlocked without pressing any buttons on the electronic key.

If the system identifies the electronic key detected outside the vehicle as a valid one, the key holder can simply press the button (A) fig. 27 on one of the two outer handles to deactivate the alarm and release the door opening mechanism.

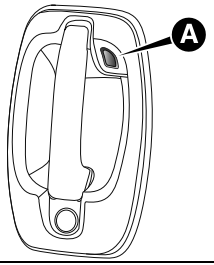
Where the function is provided, pressing the button (A) on the driver's door unlocks the driver's side door or all doors depending on the mode set using the display menu or the **Uconnect™** system.

Door locking / unlocking

To lock/unlock the doors, proceed as follows:

❒ make sure that you have the electronic key with you and are near the driver or passenger door handle;

❒ press the door locking/unlocking button (A) fig. 27 on the handle: this will lock/unlock all doors. Locking the doors will also activate the alarm (where provided).



27 F1A0661

WARNING After pressing the "door locking" button, you need to wait two seconds before the doors can be unlocked again using the door handle. It is therefore possible to check whether the vehicle is locked correctly by pulling the door handle within 2 seconds. The doors will not be unlocked again.

The vehicle doors can be locked anyway pressing the button on the electronic key or on the inner panel.

Driver side door emergency opening

If the electronic key does not work (e.g. because its battery is flat), the emergency metal insert inside the key can anyway be used to operate the lock, unlocking the driver side door.

To extract the metal insert, proceed as follows:

❒ use the device (A) fig. 28 and remove the metal insert (B) pulling it outwards;

❒ insert the metal insert in the driver side door lock and turn it to unlock the door.

28 F1B0020C

NOTE The metal insert of the key has no forced insertion direction and can be inserted indifferently in the lock.

WARNING To avoid leaving the electronic key inside the vehicle accidentally, the Passive Entry/Keyless Entry function features an automatic door unlocking function which operates if the ignition device is at OFF.

If one of the vehicle doors is open, and the "door lock" button (A) fig. 27 located on one of the front door handles is pressed, or the button on the inner panel fig. 26, once all the open doors are closed, the vehicle checks inside and outside the vehicle for the presence of enabled electronic keys.

If one of the electronic keys is detected inside the vehicle and no other active electronic key is detected outside the vehicle, the Passive Entry/Keyless Entry function automatically unlocks all the vehicle doors and operates the direction indicators.

If, on the contrary, one or more electronic keys are inside the passenger compartment, pressing the button on the remote control the keys inside the passenger compartment are temporarily disabled.

To re-activate their correct operation, press the button on the remote control.

Notes

The vehicle will **unlock** the doors if one of the following conditions is met:

❒ the doors were closed by pressing the button in the inner panel;

❒ a valid electronic key is detected inside the vehicle and, outside the vehicle, no other electronic key is detected.

The vehicle will **not unlock** the doors if one of the following situations is present:

❒ if the doors have been locked manually using the door locking knobs (or the metal insert of the key, for the driver's door only);

❒ an electronic key close to the vehicle has been detected outside.

When the Passive Entry/Keyless Entry function is disabled using the display Menu or the **Uconnect™** system, the devices which provide protection against accidentally leaving the electronic key in the vehicle remain active.

Access to the load compartment

When approaching the sliding side door or the rear doors of the load compartment with the valid electronic key, press the button to lock/unlock (A) fig. 27 on the handle.

NOTE If an alarm system is present, the latter will be temporarily disabled only for the load compartment area.

After closing the doors of the load compartment, the alarm system will be reactivated again.

WARNING If only the load compartment doors are unlocked and a key is detected inside the load compartment when closing the doors, the doors will remain open and the direction indicators will flash twice.

WARNING Before driving make sure that the load compartment doors are closed correctly.

Load compartment door lock

The doors of the load compartment of the vehicle can be locked by pressing the button on the electronic key or on the interior panel, or by pressing the button (A) on the handle fig. 27.

NOTE The opening of the load compartment is disabled while the vehicle is moving.

While driving, if the load compartment doors are closed correctly, they will be locked automatically when the speed is faster than 20 km/h together with the doors ("Autoclose" function). This function can also be disabled using the menu on the instrument panel.

System activation / deactivation

The Passive Entry/Keyless Entry system can be activated/deactivated through the display Menu or the **Uconnect™** system.

MECHANICAL LOCK OF PASSENGER SIDE CAB DOOR IN CASE OF EMERGENCY

This is a device which allows the passenger side cab door to be locked mechanically, to prevent it from being opened from the outside, if no power supply is available (battery disconnected).

The device in fig. 29 can be engaged only with the passenger side cab door open.

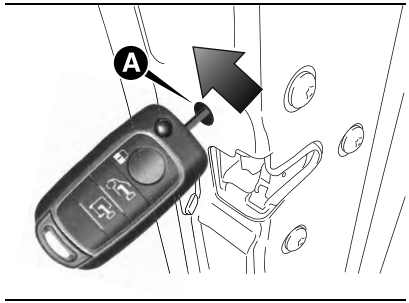
Proceed as follows:

❒ insert the key in device (A) and move it upwards as shown in the figure to lock the door fig. 29;

❒ close the door.

Check that the door has locked by trying the external handle.

To unlock the device, operate the inside handle of the passenger side cab door or, if battery power has been restored, press button / (where provided) on the key.



29 F1A1110

LOCKING/UNLOCKING THE LOAD COMPARTMENT

Lock activation is indicated by the LED in the button (D) fig. 30.

The LED comes on in the following cases:

❒ after each door lock command generated by the button (D) fig. 30 or by button in the dashboard;

❒ when the lock buttons on the key are pressed;

❒ when the Passive Entry/Keyless Entry system is used;

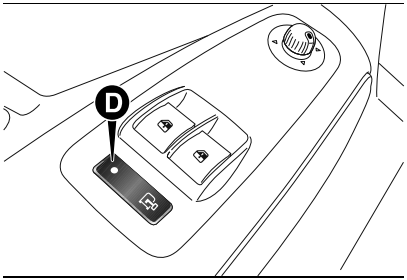
❒ when the instrument panel is activated;

❒ upon opening of one of the front doors;

❒ when the door is locked at 20 km/h (if activated using the menu).

The lock is turned off when one of the load compartment doors is opened

or on a door release request (load compartment or centralised) or an unlocking request from the remote control/door latch or by using the Passive Entry/Keyless Entry.



30 F1A0761

DEAD LOCK DEVICE

(for versions/markets, where provided)

It is a safety device that disables operation of the interior handles.

Press the lock/unlock button (A) fig. 26 to prevent opening the doors from inside the passenger compartment in the event of a break-in attempt (e.g. when a window is broken).

The dead lock device therefore offers the best possible protection against break in attempts. We recommend engaging it whenever the vehicle is parked and left unattended.

⚠ 16)

Turning on the device

The dead lock device is automatically activated on every door with two short presses on the button 🔒 on the key with remote control fig. 25.

For vehicles equipped with the Passive Entry/Keyless Entry system, Dead Lock is activated every time the vehicle is locked using the button on the external handle.

The direction indicators flash 3 times and the LED on the button (A) fig. 26 among the dashboard controls flashes to indicate that the device has been turned on.

If one or more of the doors is not perfectly shut, the dead lock device will not be activated, thus preventing a person getting into the vehicle through the open door and, on shutting, it, remaining stuck inside the passenger compartment.

The device will not engage with the key in the MAR position. The device is only activated with the key in the STOP position.

Turning the device off

The device is disabled automatically on every door in the following cases:

❒ if the mechanical key is turned to the starting position in the driver's door;

❒ by unlocking the doors using the remote control;

❒ by turning the ignition key to the MAR position.

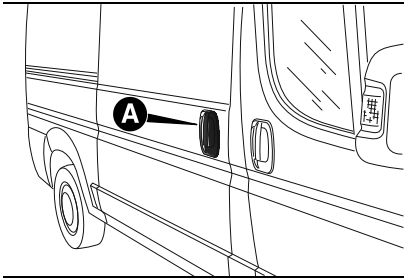
SLIDING SIDE DOOR

⚠ 17) 18)

To open the sliding side door, lift the handle (A) fig. 31 and accompany the door in the opening direction.

The sliding side door is equipped with a stop that prevents it sliding beyond the end of its travel when opening.

To close, operate the exterior handle (A) (or the corresponding interior handle) and push to closed.



31 F1A0117

In any case, make sure that the door is correctly attached to the device that holds it fully open.

CHILD SAFETY DEVICE

(for versions/markets, where provided)

This system prevents the sliding side doors being opened from the inside.

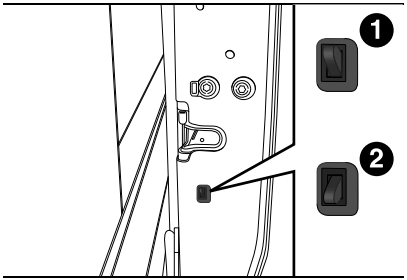
The device fig. 32 can be engaged only with the sliding side door open:

❒ Position (1): Device not engaged (door may be opened from the inside);

❒ Position (2): Device engaged (door locked).

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

⚠ 19)



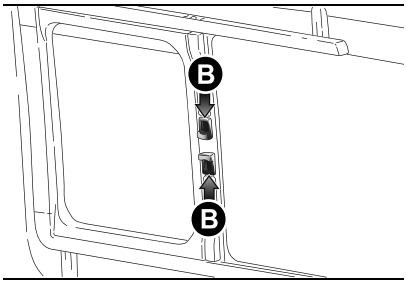
32 F1A0143

SLIDING SIDE WINDOW

(for versions/markets, where provided)

To open, keep the two handles (B) fig. 33 pressed toward one another and slide the window.

When the two handles are released, the sliding glass may stop in intermediate positions.



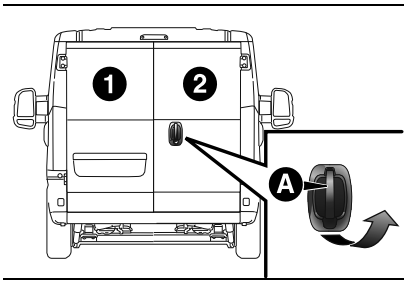
33 F1A0118

DOUBLE REAR SWING DOOR

⚠ 20) 21)

Manual opening of the first swing door from the outside

Press the button on the remote control (version with three buttons, fig. 22) or the button / (where provided) on the remote control (version with two buttons, fig. 23, fig. 24) and operate the handle (A) fig. 34 in the direction indicated by the arrow.



34 F1A0120

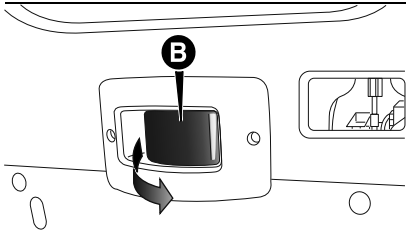
Manual opening of the first swing door from the inside

(for versions/markets, where provided)

Pull the lever (B) fig. 35 in the direction indicated by the arrow.

Manual closure of the first swing door from the outside

Press button on the key with the remote control. Close the left door first, followed by the right door.



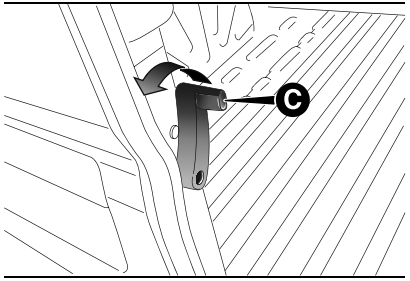
35 F1A0121

Manual opening of the second swing door

Pull the lever (C) fig. 36 in the direction indicated by the arrow.

The double rear swing doors have two opening positions: the first to an angle of approximately 90° and the second is approximately 180°; on some trim versions/markets 270° opening is also available. To open the swing doors to 180°, or 270° (for versions/markets, where provided), proceed as follows:

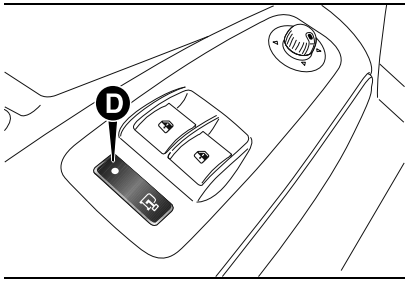
- reach the 90° door opening position;
- keep pulling the door to press a force to allow them to open to 180° or to 270° (for versions/markets, where provided).



36 F1A0122

Electric locking from inside

Close the two rear swing doors (first left, then right) and press the button (D) fig. 37 on the electric window control panel.



37 F1A0761

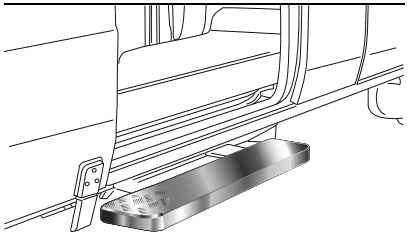
MOVING FOOTBOARD

(for versions/markets, where provided)

When the side door of the passenger compartment or luggage compartment is opened, a footboard emerges from the lower part of the floorpan fig. 38 to make it easier to board the vehicle.

⚠ 22) 23) 24) 25) 26)

6)



38 F1A0119

REAR FOOTBOARD

(for goods carrier van versions)

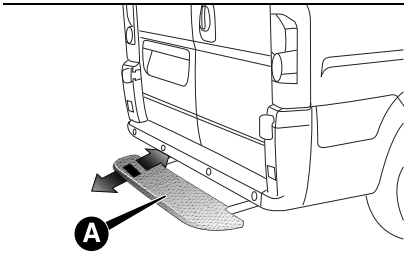
⚠ 22) 23) 24) 25) 26)

6)

The vehicle can be equipped with a rear retractable footboard (A) fig. 39, which aids climbing into and out of the rear load compartment.

The footboard can slide under the vehicle when not used so as not to increase the vehicle external dimensions.

The footboard slides manually both when opening and closing.



39 F1A0410

⚠ *WARNING*

16) *Once the dead lock device is engaged it is impossible to open the doors from inside the vehicle. Before engaging the system please therefore check that there is no-one left on board. If the remote control battery is flat, the system can be*

disengaged only by inserting the key metal insert in either of the door locks as described previously: in this case the device remains active only for the rear doors.
17) *Before leaving the vehicle parked with sliding doors open, always check that the latch is engaged.*
18) *Do not move the vehicle with side doors open.*
19) *Always use this device when carrying children.*
20) *This spring loaded system has activation forces that were designed for optimum comfort. Accidental knocks or a strong gust of wind may release the springs and let the doors close spontaneously.*
21) *With the doors opened to 180 degrees and 270 degrees, no locking system is effective. Do not use this opening with the vehicle parked on a gradient or when it is windy.*
22) *It is forbidden to drive the vehicle with the footboard open.*
23) *Do not use the retracted footboard for getting up or down the load compartment.*
24) *Make sure that the footboard is suitably locked by the provided retaining systems before, after and during its use. An incomplete opening or closing might cause an improper movement of the footboard with risks arising for the operator and external users.*
25) *Before setting off after parking or before moving the vehicle in any way, ensure the footboard is fully stowed away. As the movement of the platform is linked to that of the sliding side door, the dedicated symbol appears on the instrument panel display if it is not fully retracted in the same way as if the rear doors are not shut.*
26) *The footboard lightly projects from the vehicle even if retracted; therefore, when rear parking sensors are provided, their operating range is lightly reduced.*

IMPORTANT

5) *The operation of the recognition system depends on various factors, such as, for example, any electromagnetic wave interference from external sources (e.g. mobile phones), the state of charge of the battery in the electronic key and the presence of metal objects near the key or the vehicle. In these cases it is still possible to unlock the doors by using the metal insert in the electronic key (see description on the following pages).*
6) *The footboard presence may reduce the ramp approach angles; it is therefore recommended, in case of a very steep ramp, to be very careful in order not to damage the footboard.*

SEATS

27) 28) 29) 30) 31)
7) 8)

FRONT SEATS

40 JJ000025

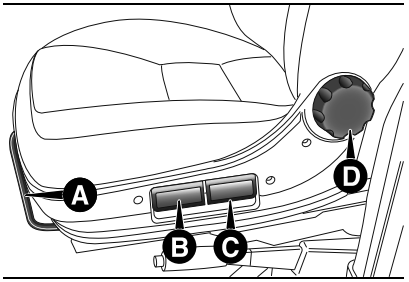
❒ Sit with your torso resting firmly against the backrest. Adjust the distance between the seat and the pedals so that your legs remain slightly bent while pressing the pedals.
❒ Adjust the seat height to a level sufficient to have a good view of all sides of the vehicle and all instruments and displays. There must be a free space equal to at least the palm of one hand between the head and the ceiling frame. Your legs should rest lightly on the seat without applying excessive pressure on it.

❒ Adjust the headrest so that its upper edge is level with the top of your head.
❒ Sit with your shoulders as far back against the backrest as possible. Adjust the inclination of the backrest so that you can easily reach the steering wheel with your arms slightly bent. Keep your shoulders in contact with the backrest during steering manoeuvres. Do not tilt the backrest too far back. A maximum inclination of approximately 25° is recommended.
❒ Adjust the seat and steering wheel so that your wrist rests on the top of the steering wheel, with your arm fully extended and your shoulders resting against the backrest.
❒ Adjust the lumbar support so that it supports the natural contour of your spine.

Longitudinal adjustment

Lift lever (A) fig. 41 and push the seat forwards or backwards: in the driving position, you should be able to rest your arms on the steering wheel rim.

⚠ 32)



41 F1A0021

Height adjustment

To raise the seat: while seated, move the lever (B) fig. 41 (front part of the seat) or the lever (C) fig. 41 (rear part of the seat) upwards and lift your body weight off the part of the seat that must be raised.

To lower the seat: while seated, move the lever (B) (front part of the seat) or the lever (C) (rear part of the seat) upwards and press your body weight off the part of the seat that must be lowered.

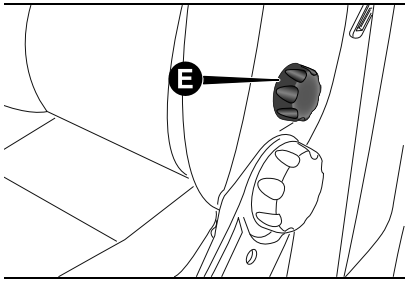
Backrest angle adjustment

Turn knob (D) fig. 41.

⚠ 33)

Lumbar adjustment

Operate the knob (E) fig. 42 to adjust.



42 F1A0022

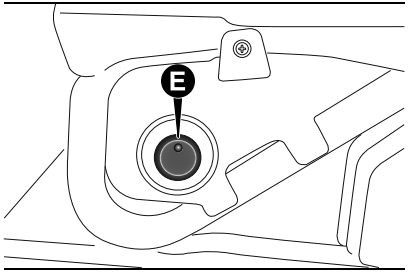
Front heated seats

(where provided)

The heated front seats, where provided, are controlled in ON/OFF mode with the physical button (E) fig. 43 positioned in the lower part of the seat facing outwards.

With the key at MAR, press button (E) to switch the function on/off.

IMPORTANT In order to preserve the battery, this feature cannot be activated when the engine is off.



43 F1A0030

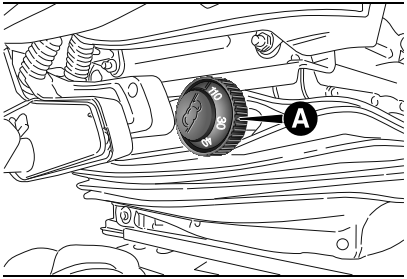
SPRUNG SEAT

The seat is equipped with a mechanical spring system and hydraulic shock absorber to ensure maximum comfort and safety. The system of springs also effectively absorbs impact from uneven road surfaces.

See the description in this chapter for the lengthwise adjustments, height adjustments, backrest adjustment, lumbar adjustment and armrest adjustment.

Shock absorber weight adjustment

Use the knob (A) fig. 44 to set the desired adjustment according to your body weight, in the range 40 kg to 130 kg.

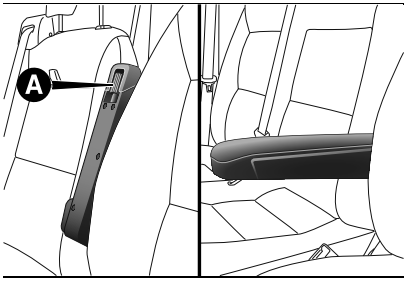


44 F1A0023

SEATS WITH ADJUSTABLE ARMRESTS

The driver and passenger seats may be equipped with an armrest that can be raised and adjusted for height. Operate the wheel (A) fig. 45 to adjust.

⚠ 34) 35)

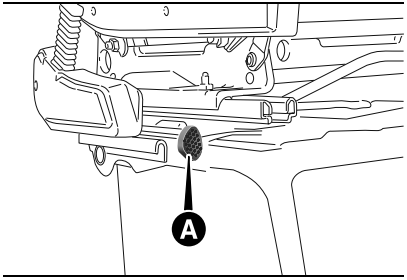


45 F1A0024

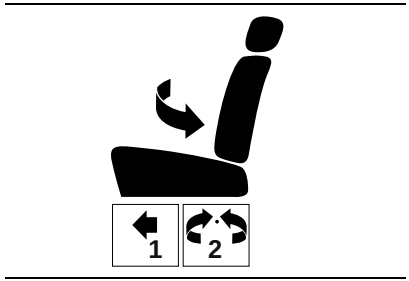
SEAT WITH REVOLVING BASE

(for versions/markets, where provided)

It may be turned through 180° toward the seat on the opposite side. Operate the control (A) fig. 46 to turn the seat. Before turning the seat, it must be moved forward and only then adjusted longitudinally fig. 47.



46 F1A0025



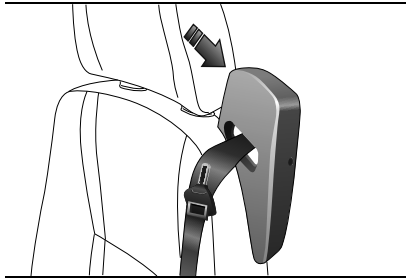
47 F1A0026

REVOLVING SEAT WITH SEAT BELT

(for versions/markets, where provided)

It is equipped with a three-point seat belt fig. 48, two adjustable armrests (for their adjustment, see the "Seats with adjustable armrests" paragraph) and a head restraint with adjustable height (adjusting it, see the "head restraints" paragraph).

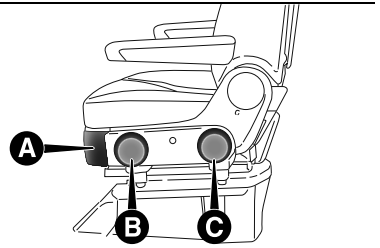
⚠ 36)



48 F1A0027

Backrest angle adjustment

Operate the lever (A) fig. 49.



49 F1A0028

Height adjustment

Operate the controls (B) fig. 49 or (C) fig. 49 to raise or lover the front/rear part of the seat, respectively.

Seat rotation

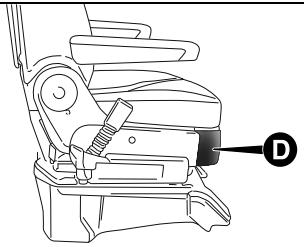
It may be turned through 180° toward the seat on the opposite side and approximately 35° toward the door. It may be locked in driving position or at 180°.

Operate the lever (D) fig. 50 (located on the right side of the seat) to turn the seat.

Before turning the seat, proceed as follows:

❒ adjust the seat all the way down
❒ Adjust the seat all the way forward
❒ Raise the armrests
❒ Adjust the backrest to the upright position
❒ Adjust the steering wheel all the way forward.

⚠ 37)



50 F1A0029

CAPTAIN CHAIR

(for versions/markets, where provided)

The vehicle may be equipped with the Captain Chair fig. 51, which, depending on the version, may have various adjustments (revolving or fixed, with seat belt, etc.) or heated.

For the various adjustments refer to what is described in the previous paragraph "Revolving seat with seat belt").

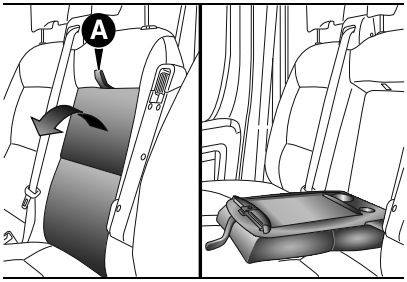
FLAP ON BENCH

(for versions/markets, where provided)

The seat is equipped with a fold-down flap that can be used as a document support surface. To use, pull the tab (A) fig. 52 and lower the flap. The flap is equipped with two cup holder indents and a support surface with a paper holder clip.

⚠ 38)

51 F1A0345



52 F1A0031

EAT&WORK TABLE

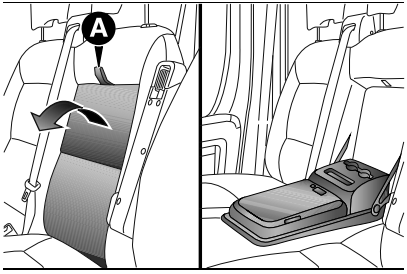
(for versions/markets, where provided)

The seat is equipped with a folding table. To extract the table:

❒ pull the tab (A) fig. 53;

❒ accompany the armrest throughout its travel until it is horizontal.

The table has a glass holder, a storage compartment and a shelf that can rotate (3 positions on each side: 20°, 40°, 60° fig. 55).



53 F1A0726

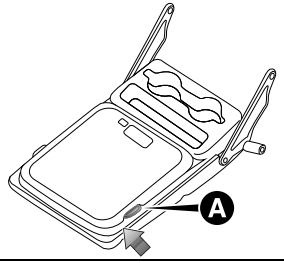
Table rotation to the right (passenger side)

❒ Press the (A) fig. 54 button;

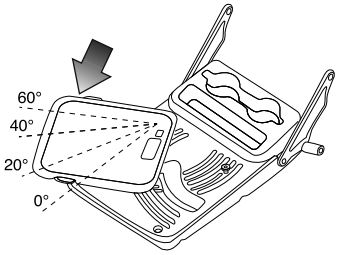
❒ push the table with a certain force indicated by the arrow fig. 54;

❒ the table will rotate to the first of the intermediate positions fig. 55. Continue pushing to reach the second position and then the final position. Each position will be perceived with stops;

❒ no buttons need to be pressed to return to the closed position. It will be sufficient to push in the area indicated by the arrow fig. 55 to overcome all the intermediate steps.



54 F1A0727



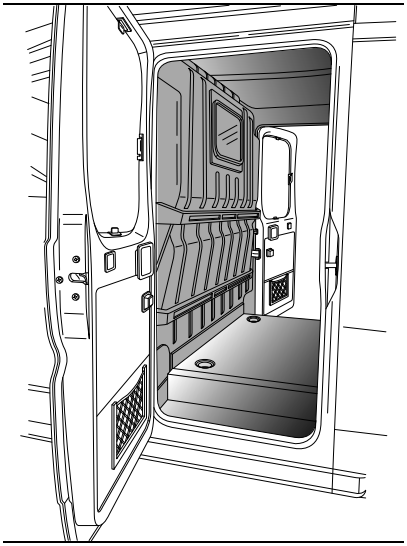
55 F1A0728

WARNING Never use the table while the vehicle is moving.

CARGO SPACE

(For versions/markets, where provided)

Depending on the version, you can request an additional load compartment fig. 56 located behind the cab.

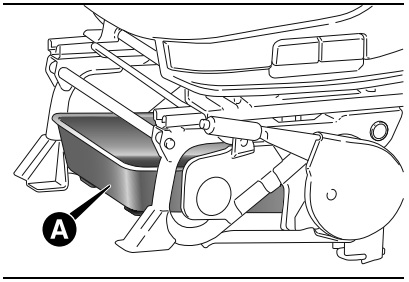


56 F1A0041

TRAY UNDER THE SEAT

(for versions/markets, where provided)

Under the driver side seat, there is a tray (A) fig. 57, which can be easily removed by sliding it out of the clips on the support base.



57 F1A0032

SEAT BASE PLASTIC COVERS

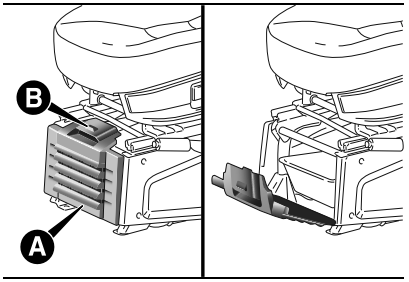
(for versions/markets, where provided)

The front trim (A) fig. 58 can be opened by using the release handle (B) fig. 58 at the top.

This gives access to the tray under the seat (see "Tray under the seat" paragraph).

To make it easier to open the front cover and gain access to the compartment, the seat must be as far back as possible.

To allow removal of the front cover, it must be turned as far forward as possible and withdrawn from the hooks on the lower side by pulling toward the front of the vehicle.



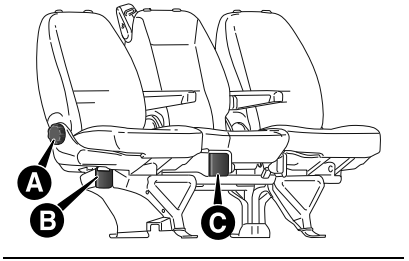
58 F1A0033

PANORAMA VERSIONS

(for versions/markets, where provided)

Adjustment of passenger seat reclining backrest

Turn knob (A) fig. 59.



59 F1A0034

Access to second row seats

To access the second row of seats, operate the lever (B) fig. 59 on the right outside seat in the first row and tilt the backrest forward, accompanying it with your left hand.

When the seat is restored to its normal position, it engages with the retaining device without the need to operate the lever again. On the one-piece Panorama seat in the second row both side seats are fixed.

Folding middle seat backrest (2nd - 3rd row)

Lift the lever (C) fig. 59 and tilt the backrest forward.

A hard surface on the back of the middle seat is for use as an armrest and table with cup holders.

Operate the lever to reposition the backrest.

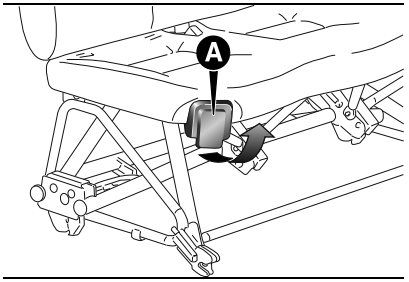
To lower the backrest of the middle seat in the second row, remove the head restraint to make it easier to adjust the backrest of the middle seat in the first row.

COMBI VERSIONS

(for versions/markets, where provided)

Easy Entry position

Lift the lever (A) fig. 60 and tilt the backrest forward.



60 F1A0035

Stacked position

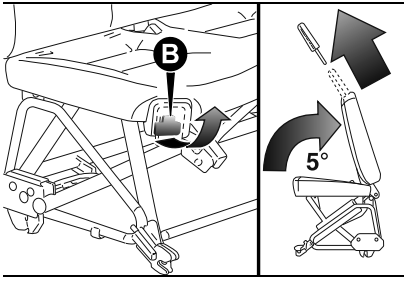
Proceed as follows:

❒ remove the head restraints from the Easy Entry position;

❒ lift the lever (B) fig. 61, located under the lever (A) fig. 60 with your right hand;

❒ turn the backrest by 5° towards the rear area;

❒ fold forward the backrest with your left hand.

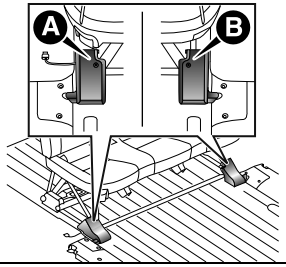


61 F1A0036

⚠ 39)

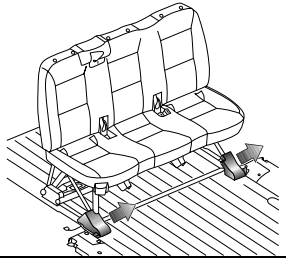
Removing the bench

❒ Undo the screws (A) and (B) fig. 62;



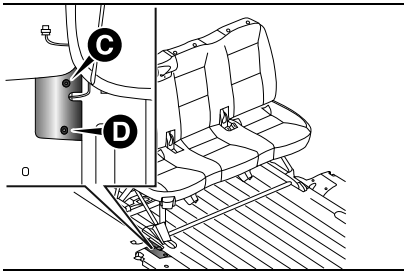
62 F1A0710

❒ remove the plastic casing of the benches fig. 63;



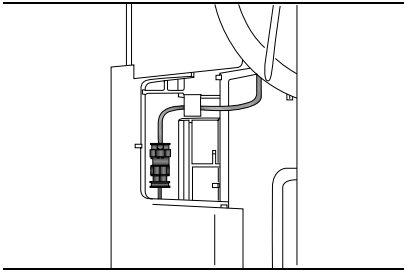
63 F1A0711

❒ undo the screws (C) and (D) and remove the heater cover fig. 64;



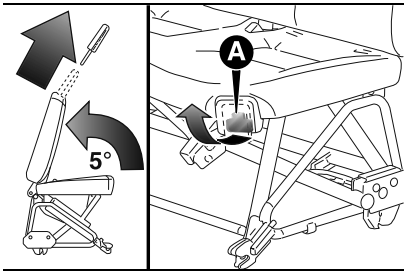
64 F1A0712

❒ disconnect the connector fig. 65;



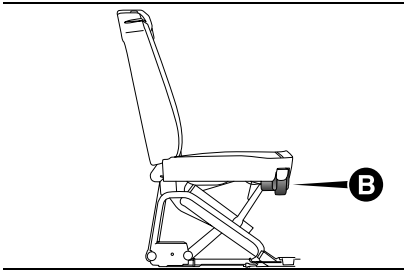
65 F1A0713

❒ lift the lever (A), tilt the backrest forward into the Easy Entry position and pull out the head restraints fig. 66;



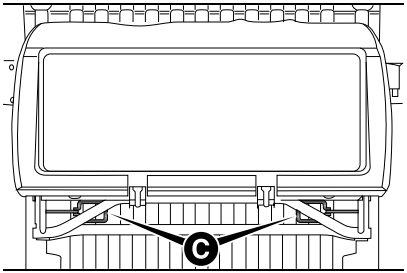
66 F1A0751

❒ pull the handle (B) positioned under the cushion and fold down the backrest fig. 67;



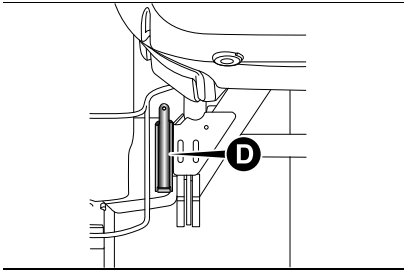
67 F1A0752

❒ turn (C) clockwise fig. 68 for rear release;



68 F1A0753

❒ turn (D) clockwise fig. 69 for front release.



69 F1A0754

FLEX FLOOR REAR SEAT

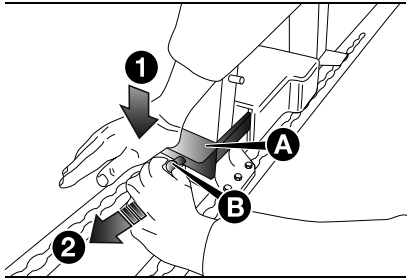
(for versions/markets, where provided)

To release the seat, proceed as follows:

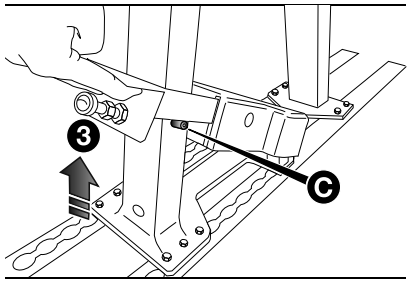
❒ operate the rear release lever (A) fig. 70 to aid releasing the safety catch underneath it (movement **1**);

❒ pull the black knob (B) fig. 70 (movement **2**);

❒ lift the lever (A) (movement **3**), over the retaining slider (C) fig. 71 (on the side) which holds the system in raised position during the operations.
When the base has been locked, it will be possible to move the seat by accompanying it with both hands to move it forwards or backwards fig. 72.

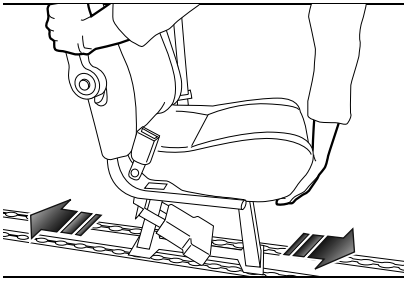


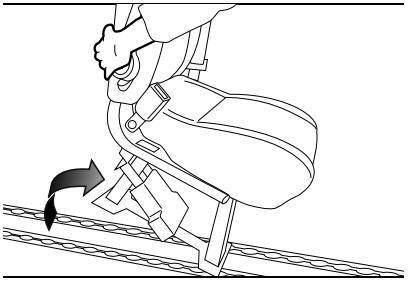
70 F1A0388



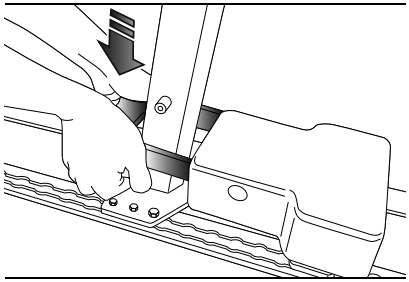
71 F1A0389

It will also be possible to disassemble it by pulling it at the points in which its catches are free with respect to the holes in the tracks; in that position (easily found by sliding the base a little and simultaneously pulling it out) the seat can easily be removed fig. 73.


72 F1A0390


73 F1A0391

After the sliding and removal operations, the seat should be refitted and secured to the rails on the floor before driving, as follows:
❒ fit the base on the rails;
❒ push the latch lever downwards fig. 74 with sufficient force, until the system locks.

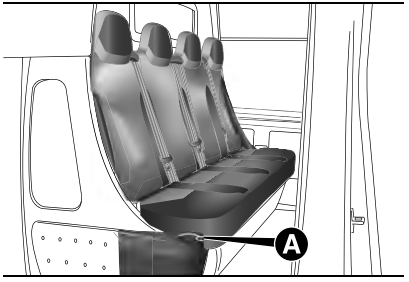

74 F1A0392

WARNING The locking system is only secured when the safety clip under the lever locks it horizontally. If this does not happen, check that the seat is in the exact locking position in relation to the rail (moving the seat backwards or forwards a few millimetres until it is properly attached). Once the quick-release base is locked in position, it will be as in the first stage, in other words with the retaining lever perfectly parallel to the floor guaranteeing that the seat is securely fastened in the selected position.

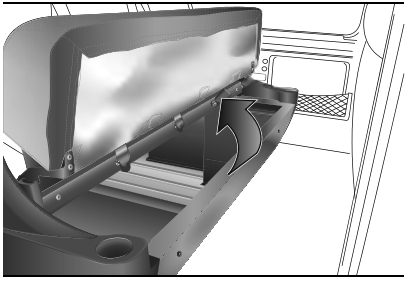
The seat can be turned 180° toward the seat on the opposite side. To turn it, see the "Seat with revolving base" paragraph.

4-SEATER BENCH SEAT (Crew Cab Van versions)

(for versions/markets, where provided)
For specific versions, the vehicle features a 4-seater rear bench seat.
The bench has a bottle holder cavity (A) fig. 75.
The seat can be tilted manually to allow access to the load compartment fig. 76.



75 F1A0393



76 F1A0394

WARNING

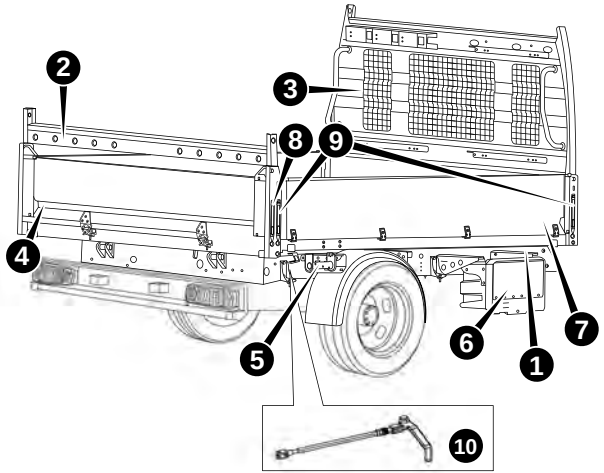
27) *All adjustments must be made with the vehicle stationary.*
28) *Only drive with the seat correctly adjusted.*
29) *Never adjust the seats while driving as they may move uncontrollably.*
30) *Do not sit closer than 25 cm to the steering wheel to allow safe airbag deployment.*
31) *Never leave objects under the seats.*
32) *After releasing the adjustment lever, always check that the seat is locked on the guides by trying to move it back and forth. If it is not locked, the seat may move unexpectedly and make you lose control of the vehicle.*
33) *For maximum safety, keep the backrest upright, lean back into it and make sure the seat belt fits closely across your chest and pelvis.*
34) *Before putting on the seat belt, ensure that the armrests are vertical (see the "Seat belts" chapter).*
35) *Before unfastening the belts and getting out of the vehicle, ensure that the outer armrest (door side) is fully raised.*
36) *All adjustments must be made with the vehicle stationary. In particular, while turning the seat, take care that it does not interfere with the parking brake lever.*
37) *Ensure the seat is locked start engine position before starting the engine.*
38) *Do not place heavy loads on the flap with the vehicle in motion because they could be thrown against the vehicle occupants in the event of sudden braking or impacts, causing severe injury.*
39) *Do not travel with passengers seated in the 3rd row with the 2nd row bench folded over. Do not place objects of any type on the backrest of the 2nd row bench folded over: in the event of impact or sharp braking they could be thrown against the occupants of the vehicle casing serious injury. For more information, see the contents of the adhesive plate located under the bench.*

IMPORTANT

7) *The fabric upholstery of your vehicle is designed to withstand the normal wear and tear of your vehicle for a long time. You are however recommended to avoid strong and/or continuous scratching with clothing accessories such as metal buckles, studs, Velcro fastenings and the like, as these items cause stress of the cover fabric that could lead to yarn breaking and damage the upholstery.*
8) *Do not place any objects under the electronically adjustable seat or impede its movement, as the controls could be damaged. Furthermore, they may also restrict the seat travel.*

FLATBED TIPPER

(Where provided)



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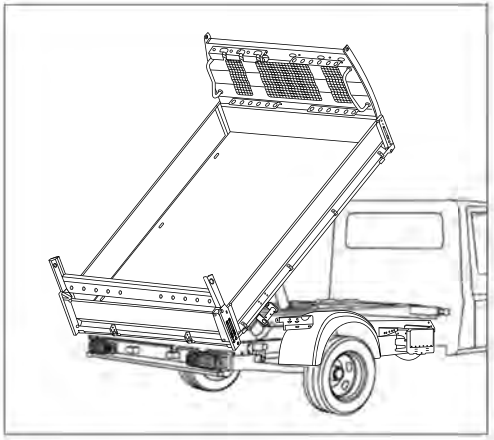
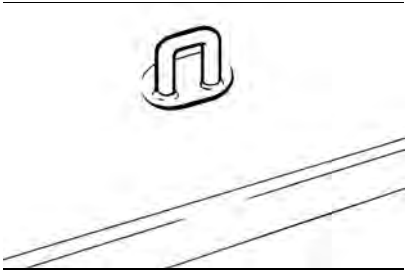


Ribaltamento posteriore

F1A9075

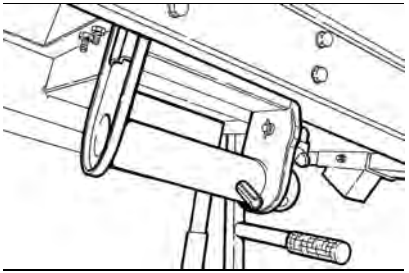
1 Identification plate - 2 Rear pole holder (where provided) 3 - Front cab guard 4 - Tailgate 5 - Winch (where provided) 6 - Tool box (where provided) 7 - Side board 8 - Tailgate opening lever (release from above) 9 - Side board opening levers 10 - Tailgate manual opening lever (release from below)

Retractable ring on the floor



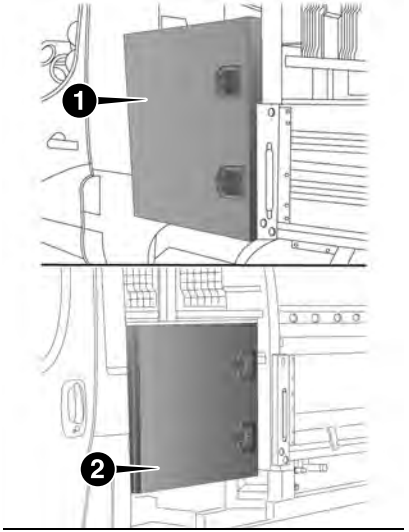
78 F1A9016

Winch (where provided)



79 F1A9017

High (1) and low (2) version rear cabin boxes (long wheelbases only)



80 F1A9018

SAFETY SIGNS

Refer to fig. 81, carefully read the following and remember its meaning.

(1) This label, which is divided into two parts for Warning and Danger, is placed on the driver side cab protection pillar.

WARNING Do not use the tipper before reading and understanding the Owner Manual.

DANGER: Only use the tipper on flat and stable ground.

Keep people and animals away from the operating area.

Do not use the tipper improperly.

(2) This label is also divided into two parts for Warning and Danger and is located on both of the flatbed side rails.

WARNING (Yellow): Always engage the safety strut during maintenance.

DANGER (Red): Do not lean under the flatbed when it is raised.

(3) Do not stand or pass through the work or unloading area.

(4) With the rear side panel lowered, signal the presence of the stopped vehicle to other road users.

(5) Sign that indicates the maximum vertical payload of the pole holder.

(6) Sign indicating the maximum permitted load for the 6 flatbed anchor points (800 daN).

1
(160876)

2
(160873)

3
(160875)

4
(160874)

5
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6
(160871)

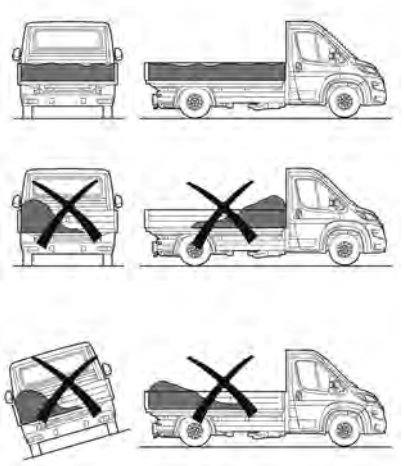
F1A9019

INTENDED USE

⚠ 40) 41) 42)

A single operator can carry out the various operations required.
When using the tipper truck, the operator must also consider, in addition to the highway code, the regulations in force regarding accident prevention and safety at work, the conditions of use and the tipper's specifications.
It's function is to be considered only to transport goods and bulk materials (sand, earth, stones, etc.). The Flatbed Tipper is equipped with aluminium side panels.

SAFE USE



82 F1A9004

Proceed as follows:

❒ before activating the tipper, check that it and its safety devices are perfectly intact

❒ do not touch moving parts nor place parts of your body between them for any reason; keep a safe distance away

❒ comply with the regulations regarding accidents in the workplace

❒ Material must be loaded into the flatbed from the lowest possible height

❒ Large stone blocks, debris or demolition material must be carefully placed on the bottom of the flatbed and not dropped from a great height

❒ Strictly comply with the warnings for the use of the tipper. Never exceed the permitted load indicated on the registration certificate

❒ Scrupulously check that the tailgates are securely locked while driving, in particular, the rear tailgate must be securely locked with the appropriate ratchets

❒ Check that the load is distributed evenly on the flatbed and that the side panels are correctly closed, so that the load, or part of it, cannot fall onto the road surface. If the material exceeds the upper edge of the side panels or could be lost during transportation, use a retaining tarpaulin or a suitable cover to contain the load.

❒ While driving and always when the tipper is not operated, disconnect the tipper system from the battery (the battery cut-off switch must be in the OFF fig. 84 position)

❒ To prevent danger of the flatbed being lifted by the wind when driving the vehicle with loads the protrude vertically beyond the cabin lock the front of the rear flatbed.

❒ Unauthorised persons are not allowed to walk or stand within the

tipper's range of action while it is in operation. Before operating the tipper, the operator must make sure that there are no obstacles, people or animals nearby

❒ Proceed with the maximum care to prevent the truck from tipping when working on soft ground

❒ Only perform tipping with the vehicle in a horizontal position, properly blocked on stable ground and with parking brake engaged

❒ While tipping in covered areas, take particular care not to touch any beams, the roof, etc.

❒ Never raise the flatbed near overhead electric lines or similar

❒ Take great care when opening the side panels of the flatbed. The material, inside the flatbed, might push the board hard in a dangerous way

❒ Do not perform tipping in strong winds

❒ Take great care when unloading muddy materials or materials that might stick to the bottom of the flatbed. If required, take all the precautions needed to prevent any dangerous situation arising during unloading

❒ Make sure that the side panel on the unloading side is open while tipping

❒ If the flatbed is not raised correctly, stop tipping, immediately lower the flatbed and look for possible causes of the problem

❒ At low temperatures, always tip the flatbed very carefully and check that the load is descending evenly

❒ Never unload the flatbed with the side panels closed

❒ The operating pressure of the hydraulic system is pre-adjusted by the manufacturer and must not be changed under any circumstances. Changing the operating pressure invalidates the warranty

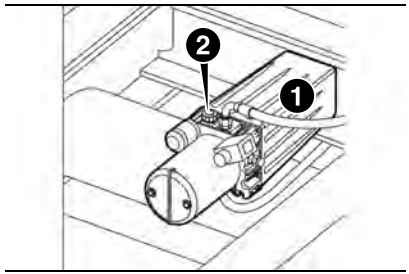
❒ The operator must oversee correct execution of tipping and lowering, and must not leave the monitoring and control zone so that he can intervene rapidly, if needed.

USING THE TIPPER

⚠ 43)

BEFORE INITIAL START-UP

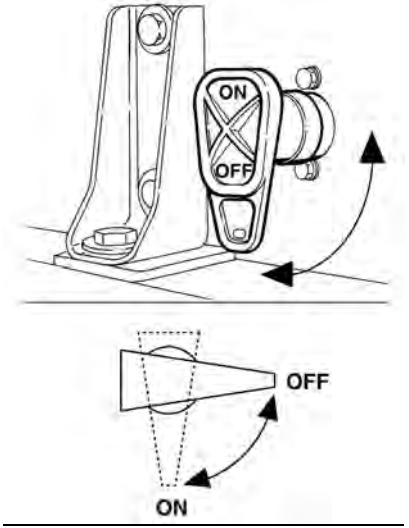
Before initial start-up, or after a period of inactivity, check the hydraulic oil level in the reservoir ((1) fig. 83), through the rod incorporated in the cap ((2) fig. 83).



83 F1A9021

The oil level must be checked with the flatbed raised, following the instructions in the "Maintenance" section in the "Routine Maintenance" chapter, and with the safety strut engaged (fig. 90). If it is necessary to top-up, use an oil for hydraulic controls with a high viscosity index; the recommended product is Petronas Idraulicar 32 HVI.

WHEN DRIVING



84 F1A9006

For one-way rear flabed tipper versions: before driving, make sure that the flatbed tipper is completely lowered, that the battery connection/disconnection switch is in the "OFF" position (fig. 84), that the side panels are closed and that the load is correctly secured and evenly distributed. The acoustic device will be activated when the flatbed is raised, even if only by one centimetre. DO NOT drive if the acoustic device is operating.

TIPPER

LOADING

⚠ 44)

We recommend loading only with the vehicle on a flat surface, properly blocked on stable ground, with 1st gear and the parking brake engaged.

To load:

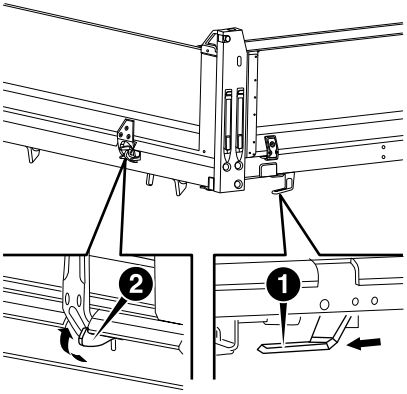
❒ Stop the truck, engage the parking brake, engage 1st gear and, if necessary, block the vehicle with wedges or stones

❒ Check that the flatbed is completely lowered

❒ Close the tailgate and lock it with the control lever ((1) fig. 85) so that the ratchet ((2) fig. 85) locks the tailgate in place

❒ Check that the side bank opening levers (fig. 77, position 9) are in the vertical closed position of both the right and left side boards

❒ Safely load using suitable equipment, making sure that the material is loaded into the flatbed from the lowest height possible.



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UNLOADING

⚠ 45)

We recommend unloading only with the vehicle on a flat surface, properly blocked on stable ground, with the parking brake engaged.

REAR TIPPING

Rear tipping

After reaching the unloading site, to unload from the rear:

❒ If the engine is off, start it, then engage the parking brake with transmission in neutral and, if

necessary, block the vehicle with wedges or stones.

While tipping, the rear side panel must not be open for any reason.

The side panel can be opened in two ways:

❒ RELEASE FROM THE TOP: move the two levers ((11) fig. 77) upwards.

❒ UNLOCKING FROM BELOW: Open the right-hand side release lever ((8) fig. 77) by pushing it towards the front of the flatbed (fig. 85).

TIPPER CONTROL

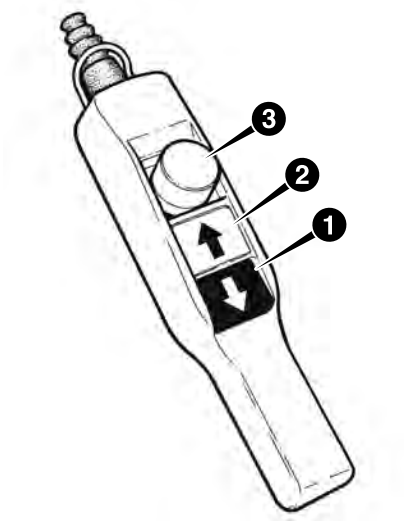
⚠ 46)

CONTROL WITH ELECTRIC CONTROL UNIT

The flatbed is equipped with a battery disconnection switch, located on the frame under the front left side of the flatbed (fig. 84). This can also be used for an emergency stop: in the "ON" position, it enables tipping; in the "OFF" position, it disables and locks all system functions. Always take great care when resetting it.

For controlling the tipper with the electronic control unit:

❒ Turn the battery disconnection switch lever (fig. 84) to “ON” position.



86 F1A9010

❒ Raise the flatbed using the button panel, located on its mounting in the cab, on the left side of the driver seat. Hold the lifting button pressed ((2) fig. 86). While tipping, an acoustic warning device signals the operation in progress.

❒ Tipping is interrupted immediately when the up button is released. The tipping is stopped automatically.

❒ When unloading is finished, lower the flatbed by holding the down button ((1) fig. 86) pressed until the flatbed is fully lowered and the acoustic warning turns off.

❒ At the end of the operation, turn the battery disconnection switch lever (fig. 84), to the «OFF» position and put the button panel back in position in the cab.

WARNING Always hold this switch in the OFF position after each tipper up/down operation.

PERFORMING MAINTENANCE SAFELY

❒ Periodically check the overall condition of the tipper protection devices.

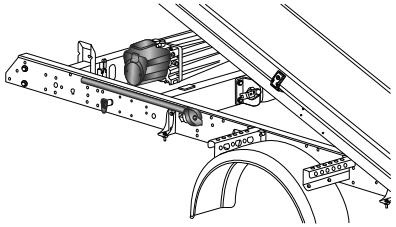
❒ Always engage the safety strut for any work with the flatbed raised (fig. 87 and fig. 88). The safety strut is suitable for operation with the tipped flatbed to the rear and unloaded. Refer to the "General information" section of the chapter "Routine maintenance" - General information for the strut insertion operation.

❒ Periodically check that the screws, nuts and any connectors are properly tightened

❒ Only use with the recommended compliant oils and lubricants.

❒ Spare parts must meet the manufacturer's requirements. Only use original spare parts

❒ Never tamper with or remove the safety devices.



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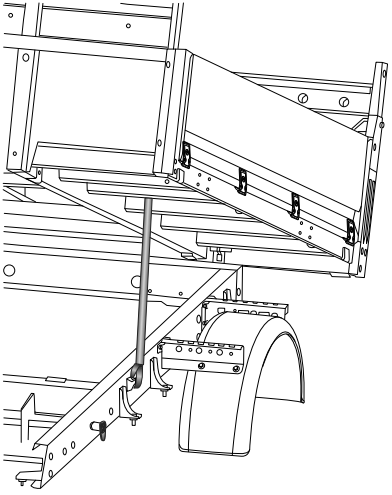

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WARNING

40) *Failure to comply with the instructions given in this Handbook, operating negligence, incorrect use of the equipment and carrying out unauthorised modifications, are reasons for the manufacturer to cancel the warranty that it provides for the whole tipper unit. Furthermore, the Service Network is not liable for damage due to the above-mentioned reasons and for failure to comply with this manual.*

41) *The transport of animals and persons is strictly forbidden. Using the tipper for any other use not covered in this Supplement, frees the Dealership from any liability for damage to persons, animals or things.*

42) *Using the tipper without first having read and understood the operating instructions, in particular the contents of the "General safety rules" section, is prohibited.*

43) *Never use vegetable oil or additives with substances with characteristics different from those of the recommended product. Do not mix different products.*

44) *Take care not to overload the vehicle.*

45) *For any problem that might arise in the tipper while tipping, contact a Dealership.*

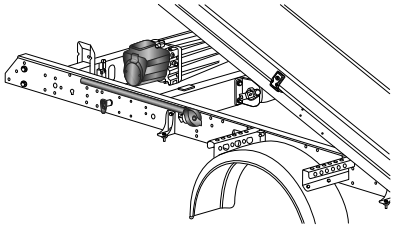
46) *Before driving off, check that the flatbed is completely engaged with the frame and that the side panels are closed properly.*

ROUTINE MAINTENANCE
General information

47)

The "Flatbed Tipper" requires no particular maintenance operations. However, for optimal operation and durability, some maintenance is necessary. If it is carried out with care, the tipper will always be in optimum condition.

The maintenance times given on these pages are for information purposes and relate to normal tipper usage conditions. In more demanding conditions, maintenance must be incremental.



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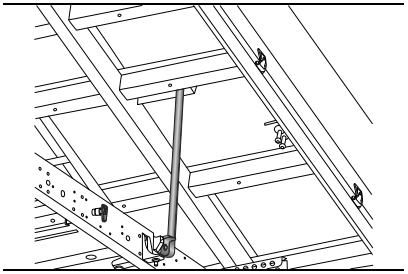


90 F1A9079

The safety strut must be placed with the container tipped to the rear and always unladen.

MAINTENANCE

PERIODIC

❒ Periodically check that the flatbed is perfectly intact and operational. Any components that are broken or damaged must be replaced and/or restored

❒ Periodically check that the acoustic warning operates properly. If it is broken, repair or replace it

❒ Periodically check the integrity of the oil pipes. If they are worn or broken, they must absolutely be replaced with new, original ones

❒ Periodically check that the system is free of oxidation (white or red rust), otherwise repair as appropriate.

After using the vehicle in environments with oxidising substances, wash as appropriate.

After use in winter in areas that use salt or anti-freeze fluids, clean as appropriate.

EVERY 50 HOURS

⚠ 48)

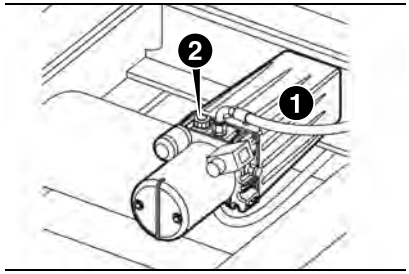
❒ Every 50 working hours (or every 6 months maximum), check the oil level in the reservoir. To do this:

❒ raise the flatbed and make it safe using the strut (flatbed unladen and tipped backwards);

❒ undo the oil filler/check plug on the reservoir ((2) fig. 91);

❒ check the oil level: it must be between the two notches on the dipstick.

After topping up the oil level, tighten the cap back on the reservoir, remove the strut and raise and lower the flatbed repeatedly to bleed air from the hydraulic circuit.



91 F1A9013

FLATBED LIFTING FAILURE

It is advisable to carry out the following checks periodically and in the event of a lifting system failure:

❒ Check that the fuse valves in position (1) (from 200 A) and position (2) (from 5A and 10A), are fully functional; replace with corresponding fuse valves if necessary. The fuse valves (1) is located on the battery.

The fuse valves (2) are located on the left side of the subframe, in a watertight box immediately behind the ON/OFF battery disconnection control (fig. 84)

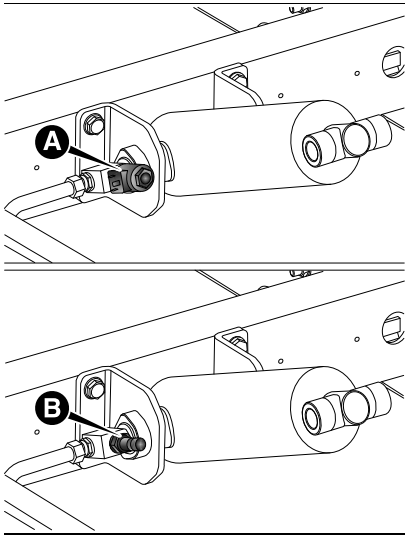
❒ Check the electrical connections and correct operation of the up button on the button panel, located on the subframe. Replace the defective parts, if necessary.

❒ Check that the earth and positive leads contact the vehicle's battery correctly.

CONTROL UNIT- SOLENOID VALVE CLEANING

The following operations must be carried out at authorised outfitting centres by personnel with the necessary knowledge of the tipper and the appropriate equipment.
Periodically check the full efficiency of the solenoid valve fig. 92 located on the fitting at the bottom of the cylinder. Clean the solenoid valve, following the instructions given below:

❒ Raise the unladen flatbed backwards and engage the safety strut fig. 88 and fig. 90
❒ Lower the flabed by placing it on the safety strut and release the pressure of the hydraulic circuit by pressing and holding down the lowering button for 5 sec fig. 86
❒ Also use additional safety devices such as a lifting bridge/crane crane for securing the lifted flatbed on the strut
❒ Undo the nut fixing the solenoid to the solenoid valve coil
❒ Remove the coil from the pin or stem
❒ Prepare a container to be placed underneath the solenoid valve to collect the oil released from the cylinder
❒ Undo the stem from its position
❒ Clean the perforated section of the stem with a jet of air
❒ Fit the stem and tighten it to a torque of 40 Nm
❒ Refit the solenoid valve and reconnect it electrically
❒ Top up the oil previously collected in the container by inserting it into the tank of the control unit
❒ Check the oil level on the tank after topping up, with the body resting on the safety strut



92 F1A9080

AFTER USE

⚠ 49)

Keep the tipper well cleaned and maintained. It will always give better results.

WARNING

47) *All maintenance work requiring the raised flatbed must be done with the flatbed raised backwards, unladen and with the safety strut engaged. In particular: do not, for any reason, stand under the raised flatbed without the strut applied / operators must avoid leaning under the flatbed while positioning the safety strut / the safety strut must be inserted correctly (see fig. 90), with the flatbed unloaded and only during the rear tipping phase.*
48) *With the flatbed raised to the maximum, approximately one litre of oil should remain inside the tank.*
49) *If a long period of inactivity is expected, it is necessary to lubricate the various components subject to wear and store the truck in a sheltered, dry environment. In this way, when work is resumed, the truck will be in perfect operating condition.*

STEERING WHEEL

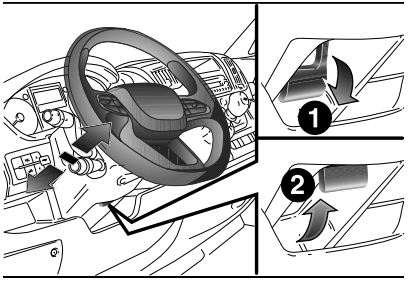
The steering wheel position can be adjusted axially. To carry out the adjustment, proceed as follows:

❒ release the lever fig. 93 by pulling it towards the steering wheel (position (2));

❒ adjust the steering wheel;

❒ release lever by pushing it forwards (position (1)).

⚠ 50) 51)



93 F1A1113

WARNING

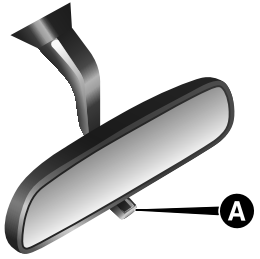
50) *All adjustments must be carried out only with the vehicle stationary and the engine off.*

51) *It is absolutely forbidden to carry out any aftermarket operation involving steering system or steering column modifications (e.g. installation of anti-theft device) that could adversely affect performance, invalidate the warranty, cause serious safety problems and also result in the vehicle not meeting type-approval requirements.*

REAR-VIEW MIRRORS

INTERIOR MIRROR

Lever (A) fig. 94 can be used to move the mirror to two different positions: normal or anti-glare.



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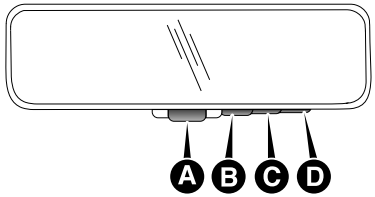
DIGITAL REAR-VIEW MIRROR (DRVM)

(where provided)

⚠ 52)

The digital rear-view mirror fig. 95 provides a wide, high-definition, unobstructed view of the road behind the vehicle.

To activate the digital rear-view mirror, push the On/Off stalk (A) lfig. 95 located at the base of the mirror forwards.



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A On/Off control lever

B Menu button

C Left scroll button

D Right scroll button

Press the button on the side of the lever to access the following options:

❒ Brightness

❒ Vertical angle

❒ Horizontal movement (where provided)

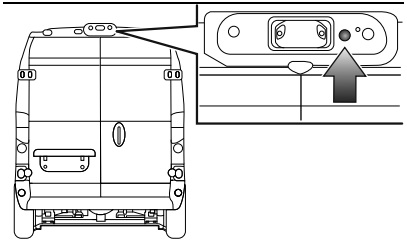
Press the left/right buttons to scroll through the menu options.

When not in use, pull the lever towards yourself to return to the conventional mirror.

The digital rear-view mirror is not functional when travelling under the following conditions:

❒ driving at night in poor visibility conditions;
❒ bad weather conditions (e.g. heavy fog, snow).

If the display is difficult to see, clean the camera fig. 96. If snow, ice, mud or other foreign matter obstruct the camera lens, clean it with water and dry it with a soft cloth. Do not cover the camera lens.



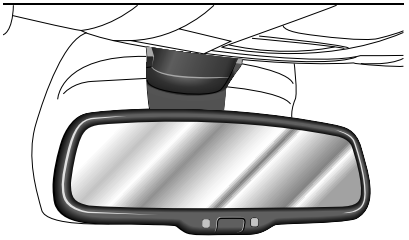
96 F1A0663

ELECTROCHROMIC REAR-VIEW MIRROR

(where provided)

An automatic electrochromic mirror is fitted on some versions, which automatically modifies its reflecting properties to prevent dazzling the driver fig. 97.

The electrochromic mirror has an ON/OFF button to activate/deactivate the dazzle-prevention electrochromic function.



97 J0A0059

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

EXTERIOR MIRRORS

To obtain a better view, adjust the outside mirrors so that they are centred on the adjacent lane with a slight overlap of the view obtained through the inside mirror.

Mirrors with manual adjustment

To adjust the mirrors, manually operate on each of the two glasses of each mirror.

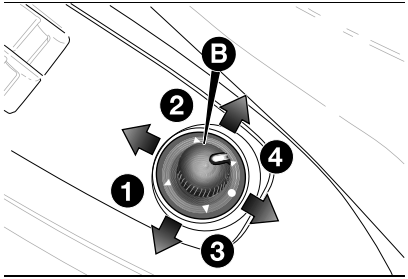
⚠ 53) 54)

Power Mirrors

The electrical adjustment can only be carried out with the ignition key in the MAR position.

To adjust the mirrors, turn knob (B) fig. 98 to one of the four positions: (1) left mirror, (2) right mirror, (3) left wide angle and (4) right wide angle (positions (3) and (4) available on short arm external rear-view mirrors, Tempo Libero versions and on all medium and long arm rear-view mirrors).

After rotating the knob (B) on the mirror to be adjusted, move it in the direction shown by the arrows to adjust the selected glass.



98 F1A0764

Mirror folding with manual adjustment

When required (for example when the mirror causes difficulty in narrow spaces or during an automatic vehicle wash) it is possible to fold the mirrors manually moving them from position (1) to position (2) fig. 99.

If the mirror has been accidentally rotated forwards (position (3)), for example due to a collision, it must be manually returned to position (1).

The exterior mirrors are hinged and can be folded forwards or backwards

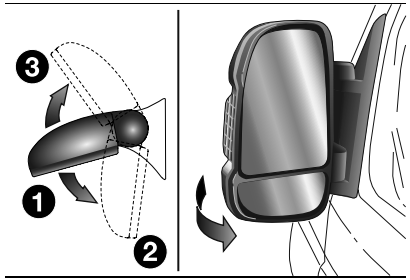
to prevent damage according to these three positions fig. 99:

1 Normal

2 All backwards

3 All forwards

55)

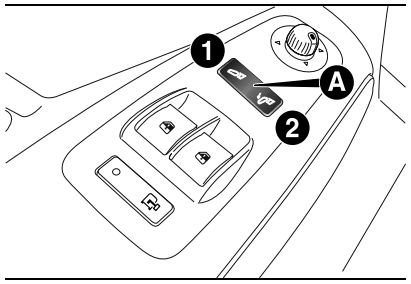


99 F1A0043

Mirror folding with electrical adjustment

(for versions/markets, where provided)

When required (for example when the mirror causes difficulty in narrow spaces or during an automatic vehicle wash) it is possible to fold the mirrors either electrically or manually moving them from position (1) to position (2) fig. 99.



100 F1A0763

Electric folding

To fold the mirrors electrically, press rocker button (A) fig. 100 in point (2) fig. 100. To bring the mirrors back to open position, press point (1) of the button.

WARNING If the mirrors are folded electrically, they should be returned to the open position electrically: do not try to return the mirrors manually to driving position.

Manual folding

To fold the mirrors manually, move them from position (1) fig. 99 to position (2). If the mirrors have been folded manually, they can be returned to the opening position both manually and electrically.

WARNING To take the mirrors electrically to the opening position, press point (2) of the rocker button (A) fig. 100 until you hear an engagement "click", then press again point (1) of the button.

Folding forwards

The mirrors can be manually folded forwards (position (3) fig. 99) or brought to the opening position (2) again manually if they have been accidentally rotated forwards (for example due to an impact).

If the mirrors have been rotated forwards manually or due to an impact, they can be returned to the opening position both manually and electrically.

To take the mirrors electrically to the opening position, press point (2) of the rocker button (A) fig. 100 until you hear an engagement "click", then press again point (1) of the button.

WARNING If the mirrors have been manually folded by mistake to position (3) fig. 99, the mirror moves to an intermediate position. In this case, manually rotate the mirror to position (1), then press point (2) of the rocker button (A) fig. 100 to return the mirror to position (2) until a "click" is heard,

then press point (1) of the button to bring it back to position (1).

Defrosting/demisting

(for versions/markets, where provided)
Mirrors are fitted with resistors that will activate when turning the heated rear window on (by pressing button ⊞).

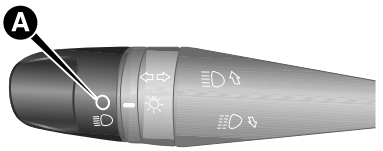
WARNING This function is timed and will turn off automatically after several minutes.

WARNING

52) *The digital rear-view mirror provides additional support while driving, improving the view of the road behind. It meets type-approval requirements while driving, but does not provide a full view of the surroundings. It only provides a view of vehicles and objects located at medium and long distances from the vehicle using a camera located at the rear 3rd brake lights. It is recommended not to rely solely on the digital rear-view mirror when performing low-speed manoeuvres (e.g. parking manoeuvres). Only the combination of a digital rear-view mirror and rear camera with dynamic grille (where provided) allows you to have control over what is happening at the back of the vehicle for safer manoeuvres.*
53) *As the driver's exterior mirror is curved, it may slightly alter the perception of distance of the reflected image. Further, the reflective surface of the lower part of the exterior mirrors is parabolic to increase the field of view. The size of the reflected image is reduced and gives the impression that the reflected object is further away than it is.*
54) *Vehicles and other objects seen through a convex external mirror appear smaller and more distant than they really are. Over-relying on this type of mirror can result in collisions with other vehicles or other objects. It is recommended to use the interior mirror to estimate the size or distance of a vehicle when viewed from a convex side mirror.*
55) *While driving the mirrors must remain in position (1).*

EXTERNAL LIGHTS

The left stalk (A) fig. 101 or fig. 102 or fig. 103 (where provided) controls most external lights.
The external lights turn on also with the ignition key in the MAR position.
The instrument panel and the various dashboard controls will come on with the external lights.



101 F1A0851

102 F1A0852

103 F1A0609

AUTO FUNCTION

(Dusk sensor)

(where provided)

This is an infrared LED sensor that works in conjunction with the rain sensor and is located on the windscreen. It is able to detect variations in outside lighting based on the light sensitivity set in the display Menu or **Uconnect™** system (where provided).

The higher the sensitivity, the lower the amount of external light needed to automatically switch the external lights on.

Function activation

Turn the ring of the left stalk to the **AUTO** positionfig. 102 or to the fig. 103 position (where provided).

WARNING The function can only be activated with the ignition device at MAR.

Function deactivation

To deactivate the function, turn the left stalk ring to a position other than **AUTO** or to the position.

DIPPED BEAM HEADLIGHTS

With the ignition key in the MAR position, turn the ring (A) fig. 101 or fig. 102 or fig. 103 (where provided) to position . If the dipped beam headlights are activated, the daytime running lights are switched off and the dipped beam headlights, rear side lights and number plate lights are switched on. The warning light on the instrument panel turns on.

DAYTIME RUNNING LIGHTS (DRL) ("Daytime Running Lights")

56) 57)

The daytime running lights are automatically switched on with the key in the MAR position and the ring turned to fig. 101 or **AUTO** fig. 102 or fig. 103 (where provided). If the daytime running lights are deactivated (for versions/market, where provided), no light comes on when the ring is turned to or **AUTO** or (where provided).

Where provided, if the direction indicators are operated, the daytime running lights switch off automatically.

The daytime running lights are temporarily deactivated when the direction indicators are activated.

When the direction indicators are deactivated, the daylight running lights are reactivated.

NOTE When the engine is started for the first time with gear in position P (for versions with automatic transmission) or with the parking brake applied, the daytime running lights stay off. The daylight running lights will come on by removing the parking brake or shifting the gear to a position other than P.

NOTE When the engine is first started, the daylight running lights come on at speeds higher than 10 km/h.

NOTE With the Start&Stop system active, the daylight running lights are always on.

FOG LIGHTS/REAR FOG LIGHTS

(for versions/markets, where provided)

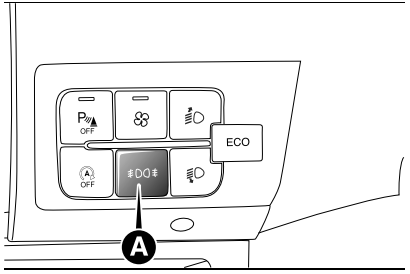
There are two configurations: the first with fog lights and rear fog, the second with only rear fog. The use of fog lights is governed by the highway code of the country in which you are driving. Comply with legal requirements.

Cornering lights

The function activates with the main beam headlights switched on with a speed lower than 40 km/h. For wide steering wheel rotation angles or at the switching on the direction indicator, a light will turn on (built in the front fog light) referring to the turning side which will extend the night visibility angle.

To turn on the front/rear fog lights, use button (A) fig. 104 as follows:

❒ first press: front fog lights and side lights switch on if the dipped beam headlights are off. Only front fog lights switch on if the dipped beam headlights are on. The warning light on the instrument panel turns on;
❒ second press: turns on the rear fog lights, the warning light on the instrument panel will turn on;
❒ third press: front/rear fog lights and side lights switch off if dipped beam headlights are off. Only front fog lights switch off if the dipped beam headlights are on;
❒ fourth press: rear fog lights switch off if dipped beam headlights are on.



104 F1A0689

REAR FOG LIGHT

The rear fog light button is located on the left control panel (button (A) fig. 104). With rear fog lights on, the warning light on the instrument panel will come on at the same time.

PARKING LIGHTS

These lights can be turned on only with the ignition device at STOP or key extracted by turning the ring on the left stalk first to position or **AUTO** or (where provided) and then to positions .

The warning light on the instrument panel turns on.

Repeat the same operation to switch them off.

An acoustic warning will sound with the parking lights on when the driver's door is opened. The acoustic warning switches off as soon as the driver's door is closed.

"FOLLOW ME HOME" DEVICE

Activation

Take the ignition device to STOP. Within 2 minutes pull the left stalk in main beam headlights flashing mode, each displacement of the stalk will correspond to an increment of 30 seconds of delay on headlights switching off up to a maximum of 210 seconds (equal to 7 flashes).

Deactivation

Keep the left stalk in high beam headlight flashing mode for a few seconds.

MAIN BEAM HEADLIGHTS

With ring in position , push the stalk forward toward the dashboard (stable position). The warning light on the instrument panel turns on. The lights are switched off by pulling the stalk towards the steering wheel.

AHB (Automatic High Beam/High Beam Control) SYSTEM

(where provided)

The system controls the automatic high beam headlights providing increased forward lighting at night by automating high beam control using of a digital camera mounted on the interior rear-view mirror.

NOTES

❒ The Auto Dim High Beams control can be turned on or off using the **Uconnect™** system. Refer to the “Settings” paragraph in the “Multimedia” section for further information.
❒ Broken, muddy or obstructed headlights and side lights of vehicles in the field of view of the camera will cause headlights to remain on longer (closer to the vehicle).
❒ To deactivate the automatic function rotate the light switch ring to position .

Flashing the headlights

To flash, the unstable position is used. Activate by pulling the lever (A) fig. 101 or fig. 102 or fig. 103 (where provided) towards you. With main beam headlights on, the warning light on the instrument panel will come on at the same time.

DIRECTION INDICATORS

Move the left stalk fig. 101 or fig. 102 or fig. 103 (where provided) to the (stable) position:

❒ *upwards*: activates the right direction indicator;

❒ *downwards*: activates the left direction indicator.

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

The direction indicators switch off automatically when the steering wheel is straightened or when the daytime running lights (DRL) are switched /parking lights are activated.

"Lane Change" function

To indicate a change of lane with the car moving, move the left lever to the non-stable position for less than half a second.

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

COURTESY LIGHTS

This function, with the ignition device in STOP, allows activating the side lights and the number plate lights for 30, 60 or 90 seconds, whenever the vehicle is unlocked with the key with remote control.

The function can be enabled and the activation time can be set using the display Menu or the **Uconnect™** system.

The function is automatically disabled once the activation time elapses, or when the vehicle doors are locked again, or by turning the ignition device to a position other than STOP.

LIGHT BEAM DIRECTION

The correct alignment of the headlights is essential for the comfort and safety of the driver and other road users. To ensure the best visibility when travelling with the headlights on, the vehicle headlight alignment must be correct. Contact a Dealership to have the headlights checked and adjusted.

HEADLIGHT ALIGNMENT CORRECTOR

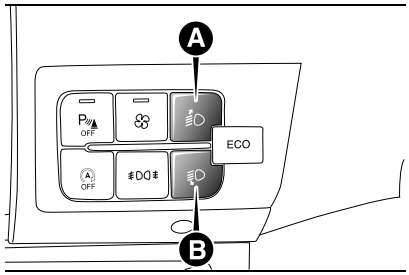
This device works with the ignition key in the MAR position and the dipped headlights on. The vehicle tilts backwards when it is laden, raising the beam. The beams must therefore be realigned in this case.

Headlight alignment adjustment

Press the buttons (A) or (B) on the control panel fig. 105 to adjust.

The instrument panel display provides a visual warning of the position in relation to the adjustment.

WARNING Check the alignment of the light beams each time the weight of the load transported changes.



105 F1A0690

FOG LIGHTS ALIGNMENT

(for versions/markets, where provided)

Contact a Dealership to have the headlights checked and adjusted.

ADJUSTING THE HEADLIGHTS WHEN ABROAD

The dipped beam headlights are aligned for operation in the country where the vehicle was originally purchased. When in countries where

you drive on the other side of the road, you need to alter the light beam direction by affixing a specially designed self-adhesive film in order not to dazzle the vehicles travelling in the opposite direction.
This film is provided by Lineaccessori MOPAR and is available at a Dealership.

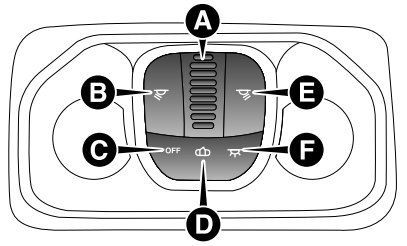
WARNING

56) *The daytime running lights are an alternative to the dipped headlights while driving during the daytime in countries where it is compulsory to have lights on during the day; where it is not compulsory, the use of daytime running lights is permitted.*
57) *Daytime running lights cannot replace dipped beam headlights while driving at night or through tunnels. The use of daytime running lights is governed by the highway code of the country in which you are driving. Comply with legal requirements.*

CEILING LIGHTS

COURTESY LIGHTS

The courtesy lights are located between the sun visors, on the upper console.
Each light can be turned on by pressing the corresponding switch fig. 106.



106 F1A0664

A Ambient light (where provided)
B Left map reading light
C OFF/ Left position
D Middle position
E Right map reading light
F ON/ Right position

Ceiling lights

The interior lights can be set to three positions (OFF/ left position, centre position, ON/ right position). Using the switch (D) on the bottom of the upper console:

❒ from the middle position (D) press the switch towards the (F) ON/right position to keep the lights on;
❒ from the middle position (D) press the switch towards the (C) OFF/ left position to keep the lights always off.
❒ Leaving the switch in the centre position (D) the lights go on or off when the doors are opened or closed.

Map reading light

The switches on the left and right sides of the upper console control the map reading lights.
Press the right switch (E) to turn the right light on and press again to turn it off.
Press the left switch (B) to turn the left light on and press again to turn it off.

WARNING Before getting out of the vehicle, make sure that the switch are in the middle position; when the doors are closed, the lights switch off preventing the battery from running flat.

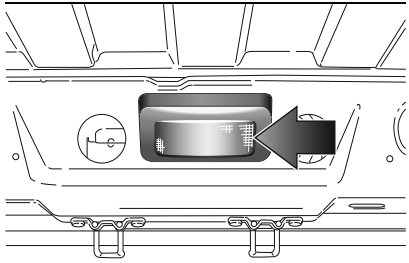
Battery save

To extend the life of the vehicle battery, when the engine is turned off and one of the doors is left open for 15 minutes, the interior lights are automatically turned off.

NOTE The battery save function will stop when the ignition device is turned to the MAR position.

LOAD COMPARTMENT REAR CEILING LIGHT

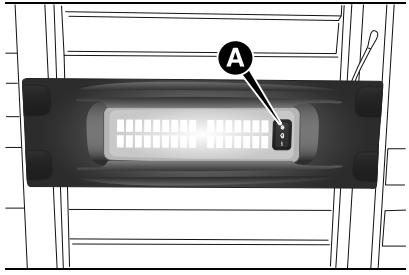
This is located above the rear door. Press the cover at the point shown in fig. 107 to switch it on.



107 F1A0075

LED CEILING LIGHT IN LOAD COMPARTMENT

It is located on the roof of the load compartment fig. 108.



108 F1A0489

The switch (A) can be used to turn it on and off:

❒ position : the ceiling light is always on;

❒ position : the ceiling light switches on when the front door, side door and rear swing door is opened. It switches off automatically after 30 seconds from when all the doors are closed. It also switches on when the movement of a person is detected in the load compartment, and then switches off automatically after a few seconds from the end of the movement (where provided);

❒ OFF position: the ceiling light is always off.

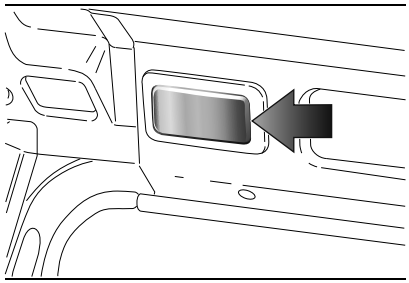
In any case, if the switch is left in on position, the ceiling light switches off automatically 15 minutes after the engine switching off.

After 15 minutes it will not be possible to turn on the ceiling light using the buttons or if any movement is detected.

LOAD COMPARTMENT SIDE CEILING LIGHT

(for versions/markets, where provided)

Press the cover at the point shown in fig. 109 to switch it on.



109 F1A0076

WINDOW WASHING

The right stalk controls screen wiper/washer operation.

This operates only with the ignition device at MAR.

WINDSCREEN WIPER / WASHER

Operation

58)

9) 10)

The ring (A) fig. 110 can be set to the following positions:

O windscreen wiper off

I fixed intermittent wipe (slow)

I speed-dependant intermittent wipe

LO constant slow wipe

HI constant fast wipe

MIST function

110 F1A0608

"MIST" function

Move the stalk upwards (unstable position) to activate the MIST function: operation is limited to the time for which the stalk is held in this position. When released, the stalk will return to its default position and the windscreen wiper will be stopped. This function is useful to remove small deposits of dust from the windscreen, or morning dew.

WARNING This function does not activate the windscreen washer; windscreen washer fluid will not therefore be sprayed onto the windscreen. To spray windscreen washer fluid onto the windscreen, the washing function must be used. With the ring nut (A) fig. 110 in position O, the windscreen wiper is not activated. In position I, the pause time between the strokes of the windscreen wiper is 10 seconds, independently of the vehicle speed. In position I, the pause time between two strokes is set according to the speed of the vehicle: when the speed increases, the time between two strokes decreases.In position **LO** or **HI**, the windscreen wiper moves continuously, i.e. without a pause between two strokes.

Smart washing function

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

When the stalk is held pulled for longer than half a second, the windscreen wiper is moved with active control. Releasing the stalk will activate three strokes.

Afterwards, if the control is in position O, the washing cycle is concluded by one last stroke after a 6 second pause. If the position is **LO** or **HI**, the smart washing function is not carried out.

WARNING If the stalk is activated for less than half a second, only the screen washer jet is activated. Do not prolong the activation of the smart washing function for more than 30 seconds. Do not activate the screen washer control when the reservoir is empty.

RAIN SENSOR

(where provided)

11) 12)

This device is located behind the interior rear view mirror , in contact with the windscreen glass. It can measure the amount of rain and, consequently, manage the automatic wiping mode of the screen to suit the amount of water on the screen (see the "Automatic Wiping" paragraph).

The sensor will be activated when the ignition device is turned to MAR, and will be deactivated in the STOP position.

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

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

WARNING Keep the window clean in the sensor area.

AUTOMATIC WIPING

Activation

11) 12)

The automatic wiping can be activated by the user by selecting the rain sensor from the display Menu or on the

Uconnect™ system and rotating the ring nut (A) fig. 110 to position ▮ or ▮.

These will be used to set the rain sensor sensitivity: in position ▮, the sensor has a lower sensitivity and the wipers will activate when there is a significant amount of water on the windscreen, while in position ▮, the wipers will be activated when a minimal amount of rain is detected.

The activation of the automatic wiping will be notified by a single stroke. The same stroke will be visible every time the sensor sensitivity is increased, by rotating the ring from position ▮ to position ▮.

The smart washing function activates the normal washing cycle, after which the automatic wiping function is restored.

If the rain sensor malfunctions, the wiper mode can be modified according to the requirements. In some versions, the failure is indicated by the ☔! symbol on the instrument panel display.

The failure signal remain active during the operation time of the sensor or until the device is reset.

Inhibition

Moving the ignition device to the STOP position, leaving the ring (A) in fig. 110 in position ▮ or ▮, when the vehicle is next started (ignition device at MAR), no wiping cycle occurs for system protection reasons.

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

It is possible to reactivate the automatic wiping mode in three ways:

- by turning the ring to the O position and then returning it to the ▮ or ▮ position;
- by moving the stalk upwards to the MIST position.
- upon exceeding the 5 km/h speed and the sensor detects rain.

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

Deactivation

To deselect automatic wiping, go to the display Menu of the instrument panel or the **Uconnect™** system or by turn the ring (A) of fig. 110 to a position other than flick (▮ or ▮).

HEADLIGHTS WASHER

(for versions/markets, where provided)

They are "retractable", i.e. located inside the front bumper of the vehicle.

They are activated when the dipped headlights are on and when the windscreen washer is activated is activated for the fifth time.

WARNING Check the correct condition and cleanliness of nozzles at regular intervals.

WARNING

58) *If the window needs to be cleaned, make sure the device is turned off or the key is on STOP.*

IMPORTANT

9) *Never use the screen wiper to remove layers of snow or ice from the windscreen glass. In such conditions, the wiper may be subjected to excessive stress and the motor cut-out switch, which prevents operation for a few seconds, may intervene. If operation is not subsequently restored, even after restarting the vehicle, contact a Dealership.*

10) *Do not operate the screen wiper with the blades lifted from the windscreen glass.*

11) *Do not activate the rain sensor when washing the vehicle in an automatic car wash.*
12) *Make sure the device is switched off if there is ice on the windscreen glass.*

VENTS

ADJUSTABLE SIDE AND CENTRAL VENTS

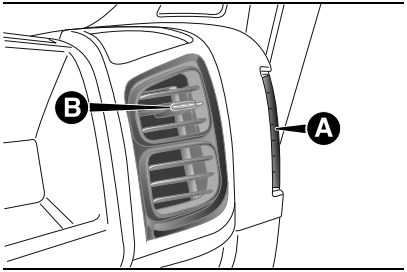
The vents (A) are not adjustable.

The sliders located on the fins (B) fig. 111 and (C) fig. 112 can be used to adjust the flow and closing the vents, with extra travel to the left.

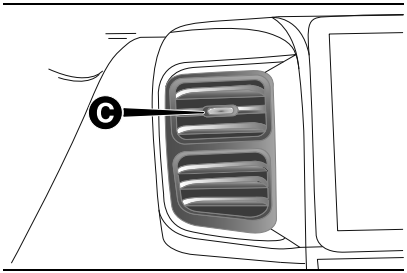
A Fixed vents for side windows.

B Adjustable side vents.

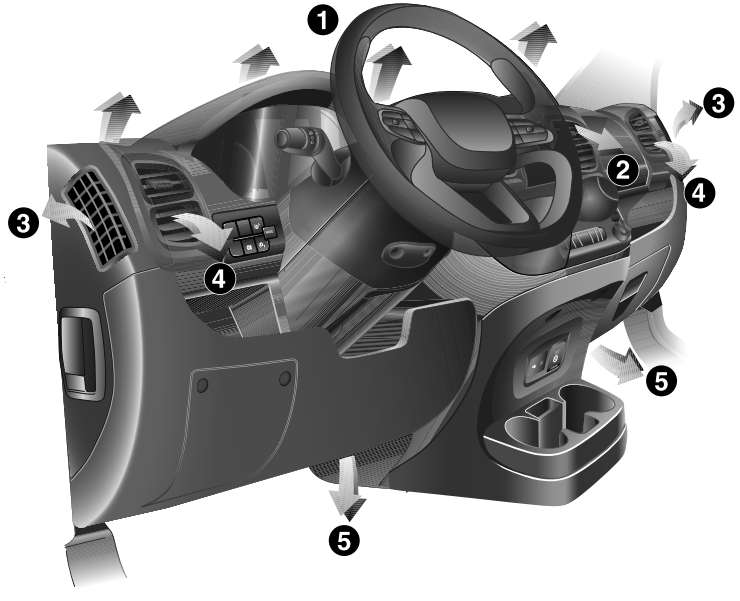
C Adjustable central vents.



111 F1A0691



112 F1A0692



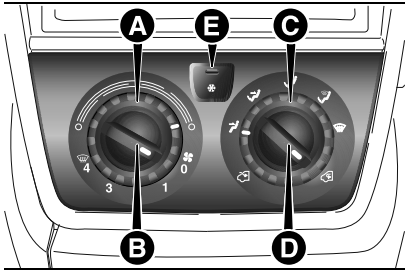
113 F1A9071

1. Upper fixed vent 2. Adjustable central vents 3. Fixed side vents 4. Adjustable side vents 5. Lower diffusers for front seats.

MANUAL CLIMATE CONTROL SYSTEM

(for versions/markets, where provided) 4)

CONTROLS



114 F1A0779

Air temperature adjustment ring A (mixing hot and cold air)
Red section = hot air
Blue section = cold air

Knob B activates/adjusts the fan
0 = fan off
1-2-3 = fan speed
4 = maximum fan speed

Air distribution ring C

- to convey air to the central and side vents;
- to warm the feet and convey slightly cooler air to the dashboard vents, in intermediate temperature conditions;
- for heating when the outside temperature is very low: to direct as much air as possible to the feet;
- to warm the feet and demist the windscreen at the same time;
- for quick windscreen demisting.

Air recirculation on/off knob D
Turn the knob to to turn internal air recirculation on.
Turn the knob to to turn internal air recirculation off.

Climate control system on/off button E
Press the button (button LED on) to turn the climate control system on.
Press the button again (button LED off) to turn the climate control system off.

PASSENGER COMPARTMENT VENTILATION

To ventilate the passenger compartment well, proceed as follows:
❒ turn ring nut A to the blue section;
❒ turn off internal air recirculation by turning the knob (D) to ;
❒ turn the ring (C) to ;
❒ turn knob (B) to the required speed.

CLIMATE CONTROL SYSTEM (cooling)

For fast cooling of the passenger compartment, proceed as follows:
❒ turn ring (A) to the blue section;
❒ turn on internal air recirculation by turning the knob (D) to ;
❒ turn the ring (C) to ;
❒ press button (E) to turn the climate control system on; the LED on the button (E) will light up;
❒ turn the knob (B) to (4) (fan maximum speed).

Cooling adjustment
❒ turn the ring (A) to the right to increase the temperature;
❒ turn off internal air recirculation by turning the knob (D) to ;
❒ turn knob (B) to reduce the fan speed.

WARNING When air conditioner compressor button (E) is pressed, the function is only activated if at least the first fan speed is selected (knob (B)).

PASSENGER COMPARTMENT HEATING

Proceed as follows:

❒ turn ring (A) to the red section;
❒ turn ring (C) to the required position;
❒ turn knob (B) to the required speed.

FAST PASSENGER COMPARTMENT HEATING

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

❒ turn ring (A) to the red section;
❒ turn on internal air recirculation by turning the knob (D) to ;
❒ turn the ring (C) to ;
❒ turn knob (B) to (4) (fan maximum speed).

Then use the controls to maintain the required comfort conditions and turn the knob (D) to to turn the air recirculation off and to prevent windows from misting up.

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

FRONT WINDOW FAST DEMISTING/DEFROSTING (WINDSCREEN AND SIDE WINDOWS)

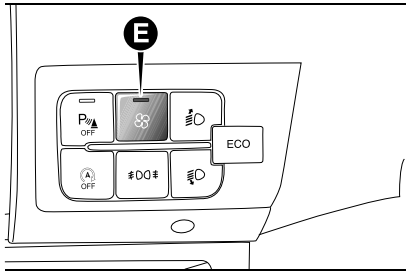
Proceed as follows:

❒ turn ring (A) to the red section;
❒ turn knob (B) to (4) (fan maximum speed).
❒ turn the ring (C) to ;
❒ turn off internal air recirculation by turning the knob (D) to ;

WARNING To ensure rapid demisting/defrosting, if there is an additional heater/air conditioner (under the front or rear seat on Panorama and Combi versions) and it is on, turn it off using the button (E) fig. 115 (LED off) located on the control panel.

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

WARNING The climate control system is very useful for speeding up demisting since it dehumidifies the air. Adjust the controls as described above and press button (E) fig. 114 to switch the climate control system on; the LED on the button will light up.



115 F1A0693

Window demisting

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

❒ turn ring (A) to the red section;
❒ turn off internal air recirculation by turning the knob (D) to ;
❒ turn ring nut (C) to and consider moving to if misting does not occur;
❒ turn knob (B) to 2nd speed.

WARNING The climate control system is very useful for preventing the windows from misting up in the presence of high humidity since it dries the air sent into the passenger compartment.

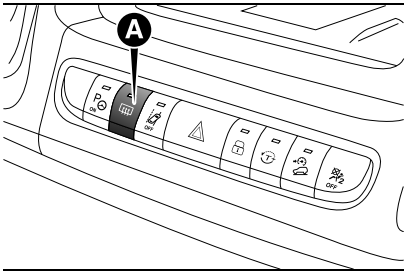
HEATED REAR WINDOW AND DOOR MIRRORS DEMISTING / DEFROSTING

(for versions/markets, where provided)

Press button (A) fig. 116 to activate this function: turned on, the LED on the button turns on.

The function is timed. The key cycle is automatically deactivated for the first time after 10 minutes. At any time after the first activation, the function is deactivated after 5 minutes. Press the (A) button again to turn the function off in advance.

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



116 F1A0624

INTERNAL AIR RECIRCULATION ACTIVATION

Turn the knob (D) to .

It is advisable to switch the internal air recirculation on whilst queuing or in tunnels to prevent the introduction of polluted air. Do not use the function for a long time, particularly if there are several passengers on board, to prevent the windows from steaming up.

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

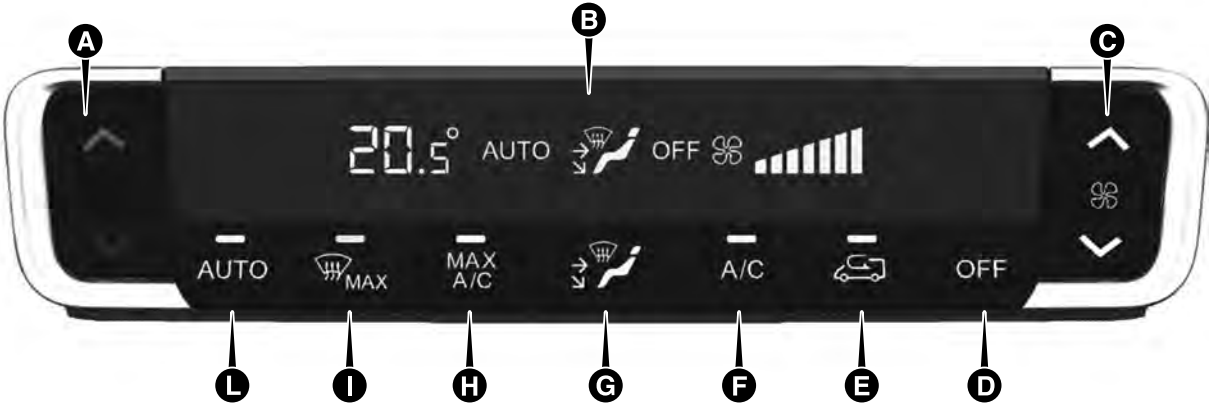
SYSTEM SERVICING

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

IMPORTANT

4) The air conditioning system uses R134a or R1234yf refrigerant compatible with the regulations in force in the countries where the vehicle is sold. When charging, only use the gas indicated on the dedicated plate in the engine compartment . The use of other coolants affects the efficiency and condition of the system. The lubricant used for the compressor is also strictly linked to the type of cooling gas, please refer to a Dealership.

CONTROLS ON THE CLIMATE CONTROL FRONT PANEL



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A. Required temperature up/down button B. Display C. Ventilation up/down button D. On/Off button E. Recirculation button F. Climate control compressor on/off button G. Air distribution selection button H. Maximum cooling on/off button I. Windscreen quick defrost button L. Automatic operation on/off button

CONTROLS ON SYSTEM DISPLAY

(for versions/markets, where provided)

I I8 F1A1092

There are graphic buttons on the display of some **Uconnect™** systems that let you turn on the functions described in this paragraph.

13)

IMPORTANT

13) *To clean the climate control system and the display use a soft, clean, dry, antistatic cloth and make sure that it is switched off during cleaning. Cleaning and polishing products may damage the surface. Do not use alcohol, petrol or their derivatives. Make sure that the cleaning products used contain no alcohol or alcohol derivatives, not even in small quantities.*

Description of the controls

The automatic climate control system maintains comfort inside the passenger compartment and compensates for possible variations in outside weather conditions.

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

The automatically controlled parameters and functions are:

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

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

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

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

❒ air recirculation.

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

Manual selections always have higher priority than automatic settings and are stored until the AUTO button is pressed, except for cases in which the system intervenes for safety reasons.

The following operations do not deactivate the AUTO function:

❒ recirculation on/off;

❒ compressor on/off, compatibly with environmental conditions;

❒ variation of set temperature;

❒ heated rear window on/off (where provided).

The quantity for air introduced into the passenger compartment is independent of the vehicle speed as it is regulated by the electronically controlled fan.

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

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

❒ air temperature;

❒ fan speed has 7 positions;

❒ air distribution;

❒ compressor enabling;

❒ rapid defrosting/ demisting function;

❒ air recirculation;

❒ heated rear window;

❒ system deactivation.

Operating Mode

The climate control system can be activated in different ways: it is advisable to press the AUTO button (L) and press the button (A) fig. 117 to set the desired temperatures.

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

During automatic operation, you can change the set temperatures, activate/deactivate the heated rear window (where provided), activate/deactivate the compressor and the recirculation at any time by using the relevant buttons; the system will automatically change the settings to adjust to the new requirements.

In this way the climate control system will continue to automatically manage all functions except for those that have been manually adjusted. The fan speed is the same in all the zones of the passenger compartment.

Air temperature adjustment

Press the (A) fig. 117button:

❒ press downwards: decrease temperature;

❒ press upwards: temperature rise.

By repeatedly pressing the (A) button upwards or downwards the HI (maximum air temperature) and LO (minimum air temperature) functions are switched on respectively. To turn these functions off, ask for a numerical air temperature.

Air distribution selection

Pressing the button (G) fig. 117 on the dashboard or the graphic buttons located on the display of the **Uconnect™** system, you can manually set one of the following air distribution possibilities:

Airflow at central and side dashboard vents to ventilate the chest during the hot season.

Airflow to the front and rear footwell vents. This air distribution setting heats the passenger compartment most quickly, giving a prompt sensation of warmth.

Air flow towards windscreen.

MAX Maximum windscreen defrosting.

You can select the combination of several modes by pressing the buttons in sequence.

In AUTO mode, the climate control system automatically manages the air distribution. The air distribution, when manually set, is displayed on the **Uconnect™** system A/C screen.

Fan speed adjustment

Press button (C) to increase/decrease the fan speed:

❒ press downwards: decrease speed;
❒ press upwards: increase speed.

The speed is displayed on the A/C screen of the **Uconnect™** system. A specific fan level can be selected by pressing the arrows of the dedicated button:

❒ **maximum fan speed**: all bars are lit up;
❒ **minimum fan speed**: one bar is lit up.

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

AUTO button

When the AUTO button (L) is pressed the climate control system is automatically adjusted in the corresponding zones:

❒ quantity and distribution of the air introduced into the passenger compartment;
❒ climate control compressor;
❒ air recirculation;
❒ cancelling any previous manual settings.

If a manual intervention is made on the air distribution or on the fan speed the climate control system is no longer controlling all functions automatically.

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

Air recirculation

The air recirculation can be switched on/off by pressing the button (E) fig. 117.

WARNING The engagement of the recirculation system makes it possible to reach the required heating/cooling conditions faster. It is, however, inadvisable to use it on rainy/cold days, or with low external temperatures, as it would considerably increase the possibility of the windows misting up inside rapidly (especially if the climate control system is off).

When the outside temperature is low, recirculation could be switched off (air drawn from the outside) to prevent the windows misting up.

In automatic operation inside air recirculation will be controlled automatically by the system according to outside environmental conditions.

Climate control compressor

Press button (F) fig. 117 to cool the passenger compartment. Switching off the compressor remains stored even after the ignition device has been turned to the STOP position.

To restore automatic control of compressor engagement, press again

button (F) or the AUTO button (L) fig. 117.

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

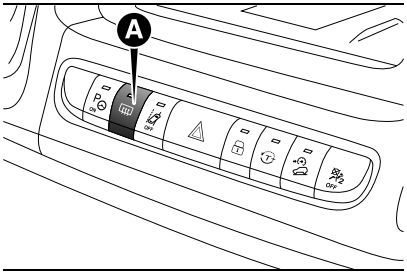
Heated rear window demisting/defrosting

Press button (A) fig. 119 to activate heated rear window demisting/defrosting.

Whenever the ignition device switches to the AVV position, the function switches off automatically after approx. 10 minutes the first time it is activated. The following activations have a duration of 5 minutes.

If this function is provided, pressing the button also activates demisting/defrosting of door mirrors and heated windscreen (where provided).

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



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SWITCHING THE CLIMATE CONTROL SYSTEM OFF/BACK ON

Switching off the climate control system

Press the OFF button (D) fig. 117.

With climate control system off:

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

The climate control system control unit stores the temperatures set before the system was switched off and restores them when any button of the system is pressed.

Switching on the climate control system

To switch on the climate control system in fully automatic mode press the AUTO button (L) fig. 117.

MAX A/C mode

Press and release the Max A/C button (H) fig. 117 to activate the maximum cooling function.

When other settings are pressed, the MAX A/C switches to the selected setting and is turned off.

HEATER

The heater is automatically activated according to the ambient conditions and with the starting device in AVV position (electric versions excluded) or in READY position (for electric versions).

System servicing

A 5)

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

Before summer, have the system checked at a Dealership.

OPERATING LIMITATIONS

With the vehicle in "TURTLE" mode, climate control limitations are automatically introduced to preserve the range.

IMPORTANT

5) *The air conditioning system uses R134a or R1234yf refrigerant compatible with the regulations in force in the countries where the vehicle is sold. When charging, only use the gas indicated on the dedicated plate in the engine compartment . The use of other coolants affects the efficiency and condition of the system. The lubricant used for the compressor is also strictly linked to the type of cooling gas, please refer to a Dealership.*

INDEPENDENT ADDITIONAL HEATER

(for versions/markets, where provided)

PROGRAMMABLE VERSION

The additional heater is located on the roof or in the glove compartment of the cab, where provided. It is completely independent of the operation of the engine for:

❒ heat the passenger compartment with the engine off;

❒ defrosting the windows;

❒ heat the engine coolant and then the engine itself prior to starting.

The system consists of:

❒ a diesel burner for heating the water with an exhaust silencer for the combustion gases;

❒ a metering pump connected to the reservoir pipes for supplying the burner;

❒ a heat exchanger connected to the engine cooling system pipes;

❒ a control unit connected to the passenger compartment heating/ventilation system to allow automatic operation;

❒ an electronic control unit for controlling and adjusting the built-in burner;

❒ a digital timer fig. 120 for turning the heater on manually or for programming the time it comes on.

The additional heater (during winter) heats, maintains the temperature of and circulates engine coolant for a set time period in order to ensure optimum engine and passenger compartment conditions at engine start-up.

The heater can operate automatically when programmed with a digital timer or manually by pressing the 'immediate heating' button on the timer.

After heater activation, whether programmed or manually, the electronic control unit operates the coolant pump and turns on the burner in accordance with pre-set, controlled procedures.

The circulation pump output is also controlled by the electronic control unit in order to minimise the initial heating time.

When the system operates, the control unit turns on the passenger compartment heater unit fan at the second speed.

The thermal power of the boiler is regulated automatically by the electronic control unit depending on the temperature of the engine coolant.

The heater can turn off spontaneously due to misfiring after start-up or because the flame goes out during

operation. In this case, carry out the turning off procedure and try to turn the heater back on. If it still does not work, consult a Dealership.

WARNING The heater is equipped with a thermal limiter that cuts off combustion in the case of overheating due to insufficient coolant/coolant leaks. In this case, after repairing the fault in the cooling system and/or topping up the fluid, press the program selection button before turning the heater back on.

Activation of the heating system

When an automatic climate control system is present, the control unit sets the air temperature and distribution when the heater is turned on from the park position. When a manual heater/climate control is present, to obtain maximum heater efficiency, check that the passenger compartment heating/ventilation temperature adjustment knob is in the 'hot air' position.

To prioritise passenger compartment pre-heating, set the air distribution knob to the position.

To favour windscreen demisting, set the air distribution knob to the position.

To obtain both functions, set the air distribution knob to the position.

OVERVIEW

Control panel fig. 120 and menu structure:

(1) Menu item name

(2) Menu symbol

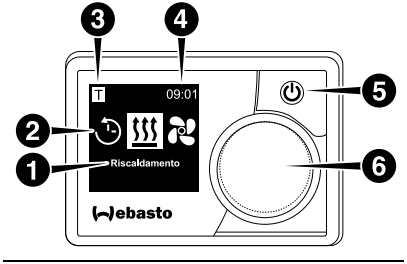
(3) Activated preset time

(4) Time

(5) Quick start button with status indicator

(6) Control button

The following menu items are available in the main menu: timer, heating and settings.



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Symbols

Symbol	Description
	Timer menu (preset time)
	Heating menu
	Update program time
	Settings Menu
	Time on

Buttons and controls

Button	Controls and functions
	Quick start button with status indicator
Control button rotation (knob/button)	Function selection
Control button operation (knob/button)	Confirming the function selected

"Back" function

Exit the selected menu with the "Back" function. The settings are saved and the previous menu level is displayed.

State indicator

The status of the heater is indicated by the colour of the light on the quick start button.

Status	LED lighting
Heating mode	GREEN steady
Heater off - control panel on	WHITE steady
Error - Heating mode not available	RED flashing
Pre-programmed heating mode - Control panel in idle state	GREEN flashing

The control panel goes into sleep mode (display and LEDs go out) if no actions are made on the control panel for 60 second and the heater is off.

Passive mode display

If the heater is activated by another Webasto control panel (e.g. Telestart or ThermoCall), the control panel is reactivated from its idle state and the operating mode selected by the other control panel is shown on the display. The display depends on the connected heater. The display depends on the connected heater.

Display	Working mode
	Heating. Press the quick start button ⏻ to deactivate passive mode. The heater is switched off.

Information display

The following information about the connected heater and the control panel is shown on the start-up display:

❒ name of the control panel;
❒ name of the connected heater;
❒ software version of the connected control panel;
❒ hardware version of the connected control panel.

The main menu is displayed after 1.5 s.

HEATING MODE

❒ Select the "Heating" menu item in the main menu.
❒ Press the control button. The operating time flashes in the display.
❒ Turn the control button to select the operating time "Now".
The maximum operating time can be selected and activated by turning the control button clockwise.
❒ Then press the control button to confirm the selection.

The operating time is set in "Minute" and "Hour".
❒ Heating mode is started. The "Heating" menu item and the preset remaining time appear in the display. The quick start button lights up green.

SWITCHING ON THE HEATER WITH THE QUICK START BUTTON

The "Quick start" can be used to activate the heating function by simply pressing the ⏻ button. The operating mode can be changed according to your wishes.

Quick start of the water heater

The quick start button is programmed for heating.

Press the quick start button ⏻.

The heating is started. The "Heating" menu item and the preset remaining time appear in the display. The quick start button lights up green.

Temperature adjustment during heating operation

❒ The heater is running.
❒ Turn the control button, select the required temperature.
❒ Press the control button within 5 seconds to confirm your selection.

Adjusting the heating level during operation

❒ Heater with selectable heating levels.
❒ The heater is running.
❒ Press the control button to toggle between temperature selection and heating level selection.
❒ Press the arrow button to select the required heating level.
❒ Press the control button within 5 seconds to confirm your selection.

Remaining time adjustment

A longer operating time must be set is a longer residual time is preferred. No further changes can be made after a minimum operating time of 10 minutes. An extension is only possible after switching off and on again.

Remaining time of the water heater

❒ The heater is running.
❒ Turn the control button to select the operating time "Minutes".
❒ Then press the control button to confirm the selection. The heating is started. The "Heating" menu item and the preset remaining time appear in the display. The quick start button lights up green.

SWITCHING OFF

❒ The heater is running.
❒ Press the quick start button. The lighting of the quick start button changes from green (in heating mode) to white.

TIMER PROGRAMMING (PRESET TIME)

This function is only available with the MultiControl control panel. Pre-selection times can be scheduled up to 7 days in advance. The heater switches on automatically at the programmed time. You can store up to 3 preset times per day and up to 21 preset times in total. The number of active timers available may vary according to the MultiControl variant used and the type of application (e.g. car, truck, boat, etc.). A maximum number of 21 active timers can be available.

Timer: preset time setting

❒ Current time and day of the week are set.
❒ The heater is off.
❒ The "Timer" menu item has been selected in the main menu.
❒ Press the control button. "Update programmed time" appears in the display (if no timer has been saved yet).
❒ Press the control button to add a new timer.
❒ Turn the control button to select the "Day of the week".
❒ Then press the control button to confirm the selection.
❒ Turn the control button to select the "Hour" power on time.
❒ Then press the control button to confirm the selection.
The "Minute" start time is set as the "Hour" start time.
❒ Turn the control button to select the "Hour" stop time.
❒ Then press the control button to confirm the selection.
The "Minute" stop time is set as the "Hour" stop time.

Timer: Heating mode setting

All heaters:

❒ Then press the control button to confirm the selection. The timer is saved and shown on the display (temperature indicator for air heaters only).
❒ Press the button to activate/deactivate the timer. "Activate" appears on the display.
❒ Then press the control button to confirm the activation. An activated preset time is marked with a white bar.
❒ A "T" symbol appears in the main menu. The quick start button flashes green if a timer is active for the heating function.

Activating, deactivating, adjusting or deleting the timer

❒ Press the control button. Saved timers are shown on the display. The

timers are placed in chronological order by day/time. The next active timer is displayed first. (Fan speed indicator for air heaters only).
❒ Turn the control button to select the timer.
❒ Then press the control button to confirm the selection.
❒ Turn the control button to select one of the options ("On", "Off", "Fit", "Delete").

Clear all timers
❒ The "Timer" symbol is selected in the main menu.
❒ Press the control button. Saved timers are shown on the display. (Fan speed indicator for air heaters only)
❒ Turn the control button anticlockwise until "Clear all" appears in the display.
❒ Then press the control button to confirm the selection. "OK" will appear on the display
❒ Then press the control button to confirm the selection. All programmed timers have been cleared. The main menu appears on the display.

Setting the day of the week
The "Settings" menu item has been selected.
❒ Turn the control button to select the "Day of the week".
❒ Then press the control button to confirm the selection.
❒ Turn the control button to select the required "Day of the week".
❒ Then press the control button to confirm the selection.

Set time
The "Settings" menu item has been selected.
❒ Turn the control button to select the "Time" menu item.
❒ Then press the control button to confirm the selection.
❒ Turn the control button to select the desired format (12/24 hours).
❒ Then press the control button to confirm the selection. The time flashes on the display.
❒ Turn the control button to select "Hour".
❒ Then press the control button to confirm the selection. The "Minute" time flashes.
The "Minute" time is set as the "Hour" time.

Language setting
The "Settings" menu item has been selected.
❒ Turn the control button to select the "Language" menu item.
❒ Then press the control button to confirm the selection.
❒ Turn the control button to select the required language (e.g. "Italian").
❒ Then press the control button to confirm the selection.

Setting the temperature unit
The "Settings" menu item has been selected.
❒ Turn the control button to select the "Temperature unit" menu item.
❒ Press the control button to select the unit. This setting is acquired without confirmation.

Brightness setting
The brightness of the monitor is adapted via the vehicle signal according to the installation.
The "Settings" menu item has been selected.
❒ Turn the control button to select the "Brightness" menu item.
❒ Then press the control button to confirm the selection.
❒ Turn the control button to select the required value.
❒ The set value flashes.
❒ Then press the control button to confirm the selection.

Display deactivation setting
The "Settings" menu item has been selected.
❒ Turn the control button to select the "Screen Timeout" menu item.
❒ Then press the control button to confirm the selection.

❒ Turn the control button to select the required time or "Auto".
❒ Then press the control button to confirm the selection.
The display is not deactivated during active heating if the "Auto" option is selected. The display switches off after 10 seconds when set to "Auto" if no heater is active.

Day/night lighting setting

You can choose between daily and night lighting for the display. If the "Off" option is selected, the general brightness setting is activated without any distinction between day and night.
The "Settings" menu item has been selected.
❒ Turn the control button to select the "Day/Night" menu item.
❒ Then press the control button to confirm the selection.
❒ The "Off" selection is preset.
❒ Turn the control button to set the values for Start of Day, End of Day, Brightness (Day), Brightness (Night).
❒ The display shows the pre-selected time for Day.
❒ Then press the control button to confirm the selection.
❒ The display flashes "Time" for "Start of day".
❒ Turn the control button to select the required "Time" of "Start of Day".
❒ Then press the control button to confirm the selection. The "Minute" time for "Start of day" flashes on the display.
"Minute" of "Start of day" is set as "Hour" of "Start of day".
❒ Turn the control button to select the required "Time" for "End of Day".
❒ Then press the control button to confirm the selection. The "Minute" time for "End of day" flashes on the display.
"Minute" of "End of day" is set as "Hour" of "Start of day".
❒ The display shows the "Day" brightness level.
❒ Turn the control button to select the required "Day" heating level.
❒ Then press the control button to confirm the selection. The "Night" brightness level appears on the display.
❒ Turn the control button to select the required "Night" brightness level.
❒ Then press the control button to confirm the selection.
❒ The "Day/night" symbol appears on the display. The selected values have been saved.

Calling up system information

The system information contains data on the software and hardware version of the control panel as well as the designation of the connected heater.
The "Settings" menu item has been selected.
❒ Turn the control button to select the "System Information" menu item.
❒ Then press the control button to confirm the selection. The name of the heater appears on the display.
❒ Turn the control button to toggle between the heater name and the control panel information (control panel name, software and hardware version).

Recalling saved error message

Error messages (codes) related to the heater and all other connected components in case of malfunctions are saved and displayed here. Current error messages are also marked with a "!". Error messages must be acknowledged as soon as they appear by pressing the control button. The main menu is only displayed again after confirmation.
The "Settings" menu item has been selected.
❒ Turn the control button to select the "Error Message" menu item.
❒ Then press the control button to confirm the selection. The error message (or messages) appears on the display. "OK" appears on the display if there is no error message. In case of repeated error messages, all messages

can be called up by turning the control button.

❒ Press the control button to go back to the menu item.

Reset

Reset restores all the basic configuration settings (basic settings by the technician) except for the day of the week and the time.

The "Settings" menu item has been selected.

❒ Turn the control button to select the "Reset" menu item.

❒ Then press the control button to confirm the selection. "OK" will appear on the display

❒ Then press the control button to confirm the selection. A reboot is performed.

Your personal settings are cleared. This process cannot be retroactive.

CLEANING

Use only a soft, lint-free cloth to clean the control panel. No moisture may enter the housing. Do not use glass cleaners, household cleaners, sprays, solvents, alcohol-based cleaners or abrasive products for cleaning.

ERROR MESSAGE

Heater error messages are displayed as "F" or "H" and must be taken from the respective heater description. Error messages on the control panel are displayed with a "T".

An error message appears on the display.

❒ Press the control button to confirm the error message.

- The error message is stored in the error memory.
- If no confirmation is received, the error message is displayed again (e.g. when restarting or exiting standby mode).

Error codes

If an error message appears on the display, contact Customer Service.

WARNING: Maintenance and repair work on heaters must only be carried out by trained qualified personnel.

Excerpt of control panel error messages

T84 - Low voltage (power supply is low). Charge the battery or check the electrical system of the vehicle.

Te4 - Fault status LED. Contact Support/Customer Service.

Teb - Time error. In case of a power failure longer than 8 minutes: re-enter date/time. If the error occurs without voltage interruption: contact the Service/Customer Service department.

T12 - Faulty W-Bus communication. Wrong heater selected.

Follow the procedure in the installation instructions. Contact Support/Customer Service (if necessary).

SCRAPPING

The control panel must not be disposed of with household waste.

Comply with regional regulations regarding the disposal of electronic products.

ASSISTANCE AND CUSTOMER SERVICE

Do you have technical questions or a problem with your device? Do you have technical questions or a problem with your device?

MAINTENANCE

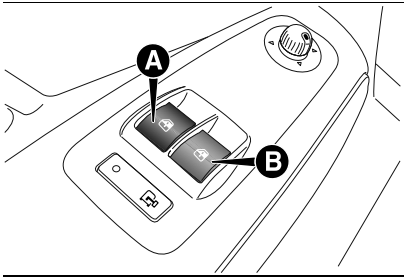
Have the additional heater checked regularly at a Dealership (and always at the start of every winter). This will guarantee safe and economic operation of the heater as well as a long duration.

ELECTRIC WINDOWS

Switches fig. 121 on the inner armrest of the driver's door control the following with the ignition key in the MAR position:

❒ (A): left front window opening/closing;

❒ (B): right front window opening/closing.



121 F1A0762

Continuous automatic operation

The driver's side front window allows continuous automatic operation in both directions: opening and closing. The passenger-side window only allows continuous automatic operation for opening.

Keep one of the buttons pressed for longer than half a second to operate the automatic continuous window operation function. The window stops when it reaches the end of travel position, or when the button is pressed again.

WARNING With the ignition key in the STOP position or extracted, the electric windows remain activated for about 3 minutes and are deactivated immediately when one of the doors is opened.

Front passenger side door

A dedicated switch for operating the window is located on the inner armrest of the passenger side front door.

⚠ 59)

WARNING

59) *Improper use of the electric windows can be dangerous. Before and during operation, always check that nobody is exposed to the risk of being injured either directly by the moving window or through objects getting caught or hit by it. When leaving the vehicle, always remove the key from the ignition switch to avoid the risk of injury to anyone remaining in the vehicle due to accidental operation of the electric windows.*

BONNET

OPENING

Proceed as follows:

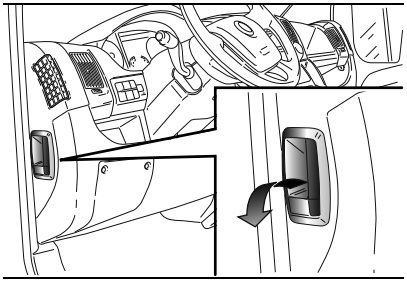
❒ open the driver's door to gain access to the bonnet release;

❒ pull the lever fig. 122 in the direction indicated by the arrow;

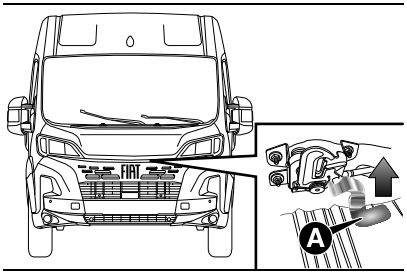
❒ lift lever (A) fig. 123 as shown in the figure;

❒ lift the bonnet and, at the same time, release the supporting rod fig. 124 from its locking device (D), then insert the end of the rod (C) fig. 125 into housing (E) in the bonnet.

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



122 F1A0126



123 F1A2068

CLOSING

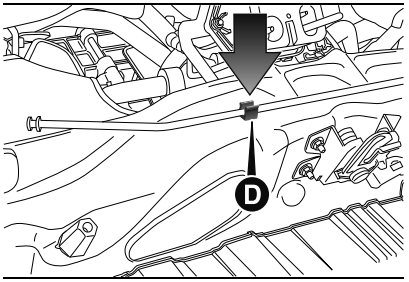
Proceed as follows:

❒ hold the bonnet up with one hand and with the other remove rod (C) fig. 125 from recess (E) and fit it back into its catch (D) fig. 124;

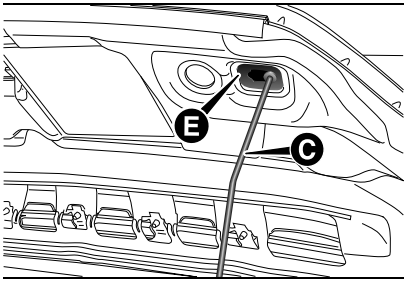
❒ lower the bonnet to approximately 20 centimetres from the engine compartment and let it drop. Make sure that the bonnet is completely closed and not only fastened by the locking device by trying to open it. If it is not perfectly closed, do not try to press the bonnet down but open it and repeat the procedure.

WARNING Always check that the bonnet is closed correctly to prevent it from opening while the vehicle is travelling.

⚠ 60) 61) 62) 63) 64)



124 F1A0349



125 F1A0129

WARNING

60) *Be very careful not to allow scarves, neck ties and other loose articles of clothing from touching, even accidentally, any moving parts. This may cause the clothing to be pulled into the part, resulting in serious risk to the wearer.*

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

62) *The bonnet may drop suddenly if the supporting rod is not positioned correctly.*

63) *Perform these operations only when the vehicle is stationary.*

64) *Use both hands to lift the bonnet. Before lifting, check that the windscreen wiper arms are not raised from the windscreen, that the vehicle is stationary and that the parking brake is engaged.*

HEAD RESTRAINTS

FRONT HEAD RESTRAINTS

On certain versions the head restraints are adjustable in height and they lock automatically in the required position.

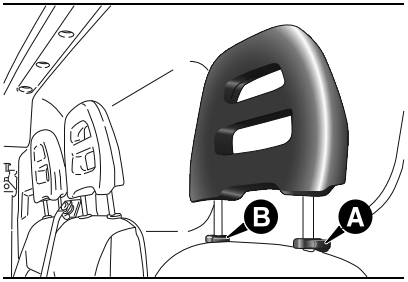
⚠ 65)

Adjustment

❒ **Upwards adjustment**: press the button (A) fig. 126 raise the head restraint until it clicks into place.

❒ **Downward adjustment**: press button (A) fig. 126 and lower the head restraint.

To extract the front head restraints press buttons (A) and (B) fig. 126 located at the side of the two supports simultaneously and lift them out upwards.



126 F1A0039

WARNING

65) *All adjustments must be carried out only with the vehicle stationary and the engine off. Head restraints must be adjusted so that the head, rather than the neck, rests on them. Only in this case they can protect your head correctly. To maximise the protective action provided by the head restraint, adjust the seat backrest so that your trunk is upright and keep your head as close to the head restraint as possible.*

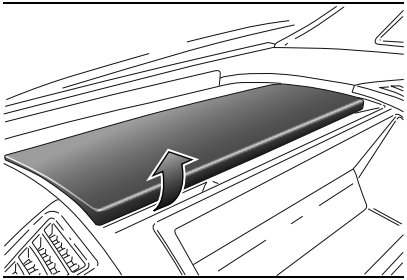
INTERIOR FITTINGS

UPPER GLOVE COMPARTMENT - REFRIGERATED COMPARTMENT

(for versions/markets, where provided)

To use, lift the inspection flap as shown in fig. 127.

With a climate control system, the compartment, equipped with a bottle holder, may be cooled/heated by means of an outlet connected to the air conditioning system.



127 F1A0088

LIGHT UNDER THE DASHBOARD

The lower part of the dashboard has lights that illuminate in the following modes.

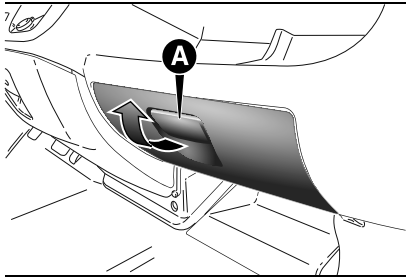
❒ *Ignition device in STOP position and engine off*: lights always off.

❒ *Ignition device in MAR position and dipped beam lights off*: lights on permanently with no possibility to adjust their intensity.

❒ *Ignition device in MAR and dipped beam headlights on*: lights on with adjustable intensity.

GLOVE COMPARTMENT

To open the glove compartment, use the opening handle (A) fig. 128.



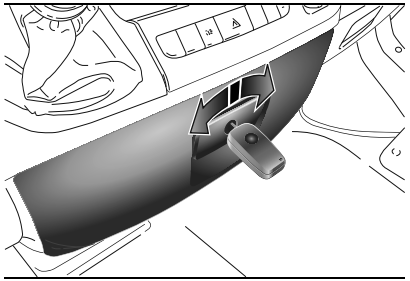
128 F1A0089

GLOVE COMPARTMENT WITH LOCK

(for versions/markets, where provided)

To lock/unlock the lock, turn the key clockwise/anticlockwise fig. 129.

To open the glove compartment, use the opening handle.



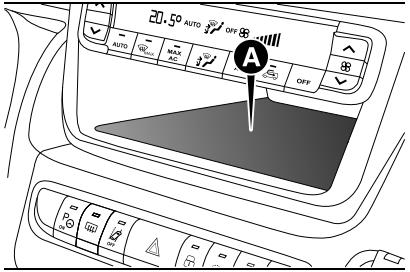
129 F1A0090

STORAGE COMPARTMENT

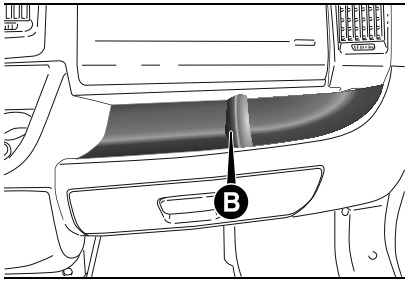
(for versions/markets, where provided)

Compartment (A) fig. 130 is located in the middle of the dashboard.

Compartment (B) fig. 131 is located on the right side of the dashboard, above the glove box.



130 F1A0626

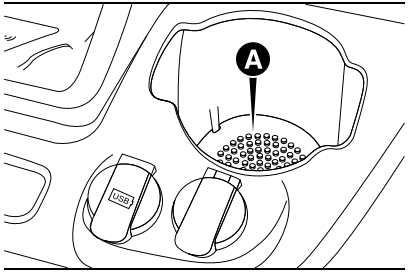


131 F1A0092

CUP HOLDER - CAN HOLDER - BOTTLE HOLDER ON DASHBOARD

(for versions/markets, where provided)

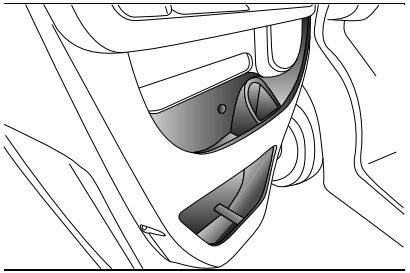
On a few versions, two cup holders / can holders / bottle holders (0.5 / 0.75 litres) fig. 132 are available on the central dashboard in the place of the glove compartment.



132 F1A0628

DOOR POCKETS

There are oddment/document pockets fig. 133 located in each of the door panels.



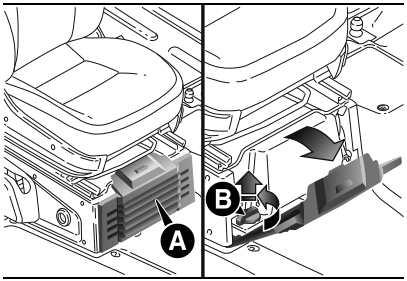
133 F1A0775

COMPARTMENT BENEATH PASSENGER SIDE FRONT SEAT

Proceed as follows to use the compartment:

❒ Open the inspection flap (A) fig. 134 and remove it as shown;

❒ turn the locking knob (B) anticlockwise and remove it to allow the compartment to be removed.

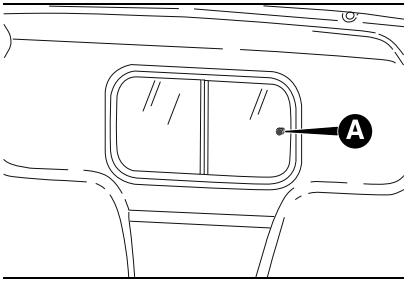


134 F1A0095

REAR BULKHEAD

The vehicle may be equipped with a solid rear bulkhead or with a sliding glass partition.

To open/close the sliding glass partition, use the knob (A) fig. 135.



135 F1A0096

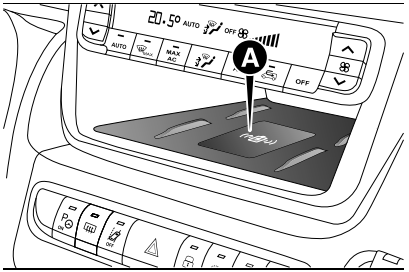
Certain outfits are equipped with a protective grille on the window of the partition inside the load compartment.

WIRELESS CHARGING SYSTEM- WCPM (Wireless Charge Pad Module)

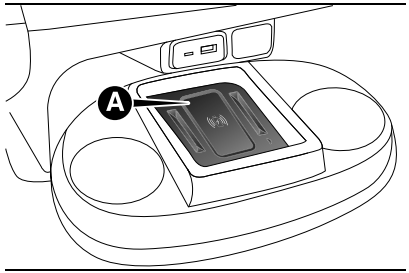
(where provided)

The wireless charging system is activated automatically when a mobile phone is placed in the holder in the glovebox (A) in fig. 136 or in the compartment between the two cup holders at (A) in fig. 137, if the mobile phone is compatible with the Qi®standard.

NOTE Some versions of wireless charging devices are equipped with an NFC aerial. In this case, the "Apple Pay Wallet" function could be activated on iPhone phones: this will not involve any economic transaction or interruption of charge.



136 F1A0627



137 F1A0685

If the mobile phone is removed from the housing during the wireless charging phase, this will automatically be interrupted.

The wireless charging system is enabled when the vehicle is in running condition and the vehicle battery is sufficiently charged.

By interacting with the wireless charger system and placing the mobile phone in the specific housing, the user will be informed by means of a LED indicating the state of the wireless charging system:

❒ "Your phone is being charged" blue LED: this is displayed when the mobile phone is positioned correctly in the wireless charging compartment and the system is activated correctly;

❒ "Phone fully charged" green LED: this is displayed when the mobile phone has completed charging its battery (if suitable to transmit the information);

❒ "Object not allowed" red LED: this is displayed when a phone that is not enabled for wireless charging or an object that is not permitted (e.g. the ignition key) is placed (e.g. ignition key, credit card, a coin);
❒ "System error" red LED: this appears when there is a malfunction in the wireless charger system;
❒ "System not active" LED off: there are no objects in the compartment and/or the ignition device of the vehicle in the STOP position and/or the doors are not all closed correctly and the engine is not on.

WARNING Do not place contactless cards (RFID), credit cards, metal objects or the vehicle keys in the charging compartment.

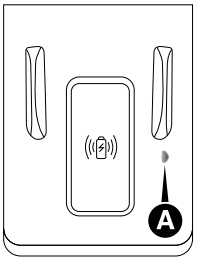
WARNING Not all mobile phone covers guarantee the correct charging of the phone. Check that charging is in progress after having placed the phone in the charging compartment.

WARNING With a compatible smartphone positioned on the charging deck, when you move the ignition device to the STOP position, a warning message will appear on the instrument panel to prevent you from forgetting your smartphone.

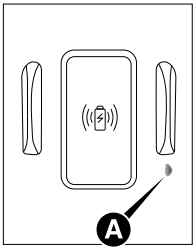
NOTE The use of multiple wireless functions on the smartphone at the same time (Apple CarPlay/Android Auto and wireless charging), as indicated by the smartphone manufacturers, could cause it to overheat, resulting in a limitation of the active functions or its turning off. In this case, it is recommended to connect the system using the USB socket.

Correct positioning of the mobile phone

To start wireless charging correctly, make sure the mobile phone is positioned completely inside the glove compartment in fig. 138 or in the housing between the two cup holders fig. 139with the display facing up, and that the device does not cover the alert LED (A).



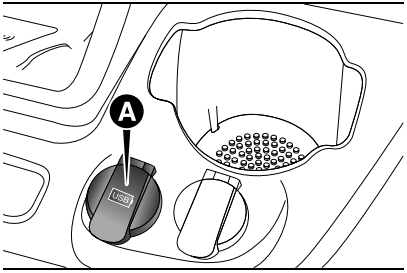
138 F1A0695



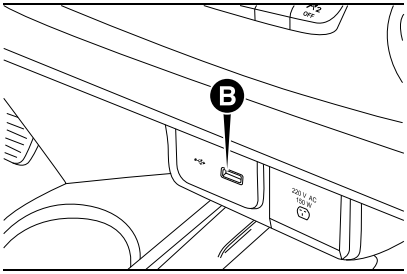
139 F1A0694

USB PORTS

(for versions/markets, where provided)
They can be located:
❒ on the central dashboard (A) fig. 140, for use as a charging source for external equipment;
❒ on the central tunnel, (B) fig. 141, for connecting USB remote devices (see explanation in the specific supplements).



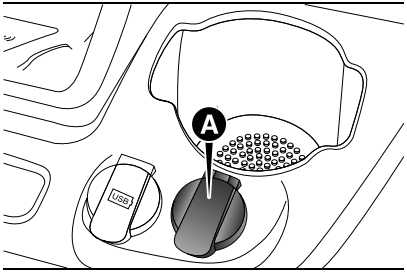
140 F1A0630



141 F1A0631

12V POWER SOCKET

(for versions/markets, where provided)
There may be a power socket located in front of the rear seats ((A) fig. 142).



142 F1A0629

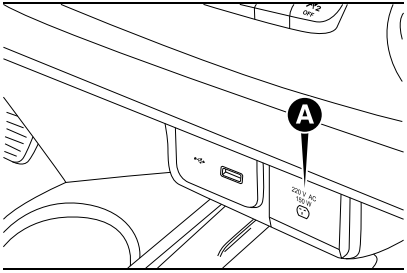
WARNING The operation of the rear load compartment power socket, where provided, can be switched from "power on ignition only" to "constant battery power". For information, contact a Dealership.

66)

14) 15) 16) 17)

220V POWER SOCKET

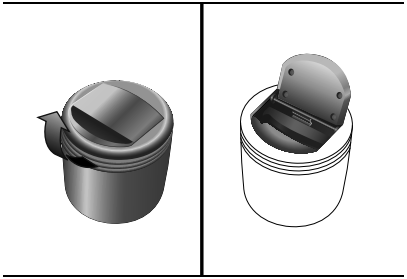
(for versions/markets, where provided)
The power socket is located in the centre dashboard. To use it, open the cover (A) fig. 143.



143 F1A0632

ASHTRAY

The ashtray is a removable plastic container fig. 144 that can be fitted in the cup/can holders in the centre of the dashboard.

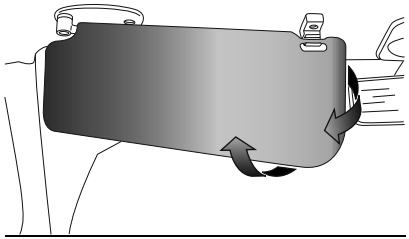


144 F1A0099

WARNING Do not use the ashtray also as a waste paper basket: fire hazard.

SUN VISORS

They are located at the sides of the interior rear-view mirror fig. 145.
They can be adjusted forwards and sideways.
A vanity mirror is fitted on the passenger side sun visor on all versions.



145 F1A0100

WARNING On both sides of the passenger side sun visor there is a label advising that it is compulsory to deactivate the airbag if a rear facing child restraint system is fitted. Always comply with the instructions on the sun visor (see the "Front airbag" chapter in the "Safety" section).

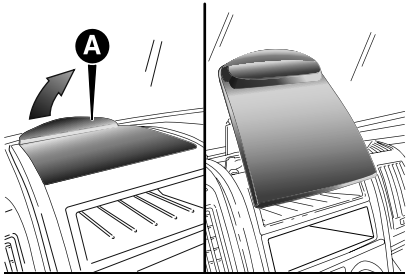
DESK / LECTERN

(for versions/markets, where provided)

There is a desk (A) fig. 146 in the centre of the dashboard above the radio compartment; on some versions this desk can be used as a book rest by raising the back section and resting it on the dashboard as illustrated in the figure.

On versions with double passenger side airbag, the desk is fixed.

⚠ 67)



146 F1A0102

TABLET HOLDER

(for versions/markets, where provided)

It is located in the centre of the dashboard and is designed to anchor a tablet.

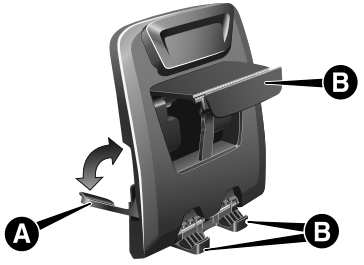
Proceed as follows to use fig. 147:

❒ lower the lever (A) to open the locking devices (B);

❒ fit the tablet between the locking devices (B);

❒ lift the lever (A) to ensure that the device is locked.

⚠ 68)



147 F1A0342

SHELF ABOVE THE CAB

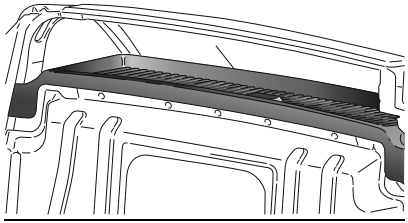
(for versions/markets, where provided)

This is located above the driver's cab fig. 148 and is designed to store light objects.

Maximum permitted load:

– localised : 10 kg

- distributed over the entire surface of the shelf: 20 kg

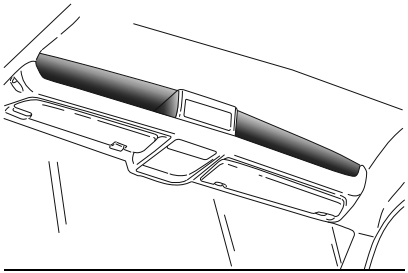


148 F1A0103

CAB GLOVE COMPARTMENT (CAPUCINE)

(for versions/markets, where provided)

The glove compartment is fitted above the sun visors fig. 149 and is designed for the quick storage of light objects (e.g. documents, road maps etc.).

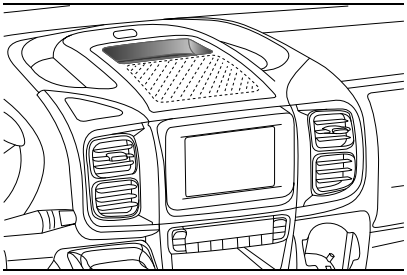


149 F1A0104

OPEN STORAGE COMPARTMENT

(for versions/markets, where provided)

On some versions, there is a glove compartment in the middle of the dashboard fig. 150.

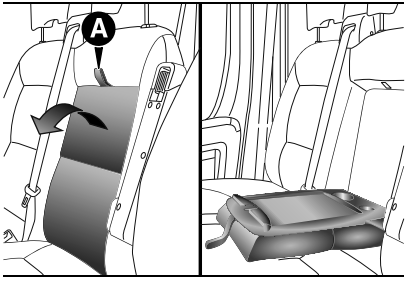


150 F1A0715

⚠ 69)

FLAP ON BENCH

(for versions/markets, where provided) To use, pull the tab (A) fig. 151 and lower the flap. The flap is equipped with two cup holder indents and a support surface with a paper holder clip.



151 F1A0105

WARNING

66) *To prevent serious injury or death: Only devices designed for use in this type of socket should be inserted into any 12 Volt socket. Do not touch the power socket with wet hands. Close the lid when not in use and while driving the vehicle. If this socket is mishandled it may cause an electric shock and failure.*
67) *Do not use the desk in vertical position with the vehicle in motion.*
68) *To prevent dangerous situations, moving the tablet holder and using the device are prohibited while driving.*
69) *Never place potentially dangerous items in the open compartment on the dashboard; in the event of a collision, they may be flung into the passenger compartment and injure the occupants.*

IMPORTANT

14) *Accessories connected to the vehicle's power sockets draw current from the battery even when not in use (e.g. mobile phones, etc.). These devices, if left connected too much time with engine off, may cause the battery to drain with following reduction of its life and/or failure to start the engine.*
15) *Accessories that draw higher power (i.e., coolers, vacuum cleaners, lights, etc.), will degrade the battery even more quickly. Only use these intermittently and with great caution.*
16) *After the use of high power draw accessories, or long periods of the vehicle not being started (with accessories still plugged in), the vehicle must be driven a sufficient length of time to allow the alternator to recharge the battery.*
17) *Power sockets are designed for accessory plugs only. Do not insert any other object in the power sockets as this will damage the socket or blow the fuse. Improper use of the power socket can cause damage not covered by your limited warranty of the vehicle.*

TACHOGRAPH

(for versions/markets, where provided) For tachograph operation and use, consult the owner handbook supplied by the device manufacturer. The tachograph must be installed on the vehicle when the vehicle weight (with or without trailer) exceeds 3.5 tons.

WARNING Anyone making changes to the monitoring device or signal transmission system that affects recording by the monitoring instrument, particularly if this is done for purposes of fraud, may be in breach of criminal or administrative state regulations.

WARNING If a tachograph is fitted, if the vehicle is parked for more than 5 days, it is advisable to disconnect the negative battery terminal to maintain its charge.

WARNINGS

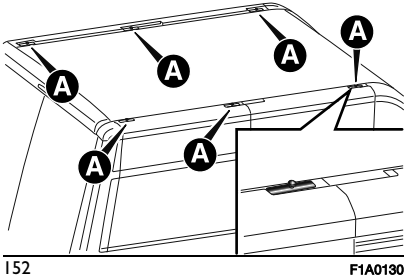
Do not use abrasive detergents or solvents to clean the device.

To clean the device externally, use a damp cloth or special products for the care of synthetic materials.

The tachograph is installed and sealed by authorised personnel: do not try and access the device or the supply and recording leads in any way. It is the responsibility of the owner of the vehicle on which the tachograph is installed to check the device regularly. The check must be carried out at least every two years and a test must be carried out to ensure it is operating properly. Ensure that the data label is renewed after every check that the label contains the specified data.

ROOF RACK/SKI RACK

To fit the roof/ski rack, with provision for versions H1 and H2, use the pins (A) on the edges of the roof fig. 152.



152 F1A0130

Long wheelbase vehicles are equipped with 8 pins; short or medium wheelbase vehicles are equipped with 6 pins; vehicles with extra-long wheelbases are equipped with 10 pins.

70) 71)

18) 19)

WARNING Follow the instructions contained in the assembly kit carefully. Assembly must be performed by qualified personnel.

WARNING

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

71) *Distribute the load evenly and pay attention to side winds when driving.*

IMPORTANT

18) *Fully comply with the regulations in force concerning maximum clearance.*

19) *Never exceed the maximum permitted loads (see "Technical Specifications" section).*

ACCESSORIES PURCHASED BY THE OWNER

If after buying the vehicle, 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 a Dealership, whose qualified personnel can advise the most suitable devices from Lineaccessori MOPAR and assess the overall electrical consumption to check whether the car electrical system is able to withstand the load required, or whether it needs to be integrated with a more powerful 12V battery.

72)

INSTALLING ELECTRICAL/ELECTRONIC DEVICES

Electrical and electronic devices installed after buying the vehicle and available as after-sales must carry the following label fig. 153.

153 E-CE

The Manufacturer authorises the fitting of transceivers provided that installation is carried out at a specialised centre, in a workmanlike fashion and in compliance with manufacturer's specifications.

WARNING Traffic authorities may not allow the vehicle on the road if devices are fitted that involve modifications to the features of the vehicle. This may also cause lapse of the warranty in relation to faults caused by the change or either directly or indirectly related to it.

The Manufacturer shall not be liable for damage caused by the fitting of accessories either not supplied or recommended by the Manufacturer and/or not installed in compliance with the provided instructions.

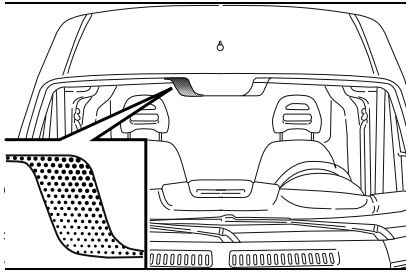
RADIO TRANSMITTERS AND MOBILE PHONES

Radio transmitters (car phones, CB radios etc.) cannot be used inside the vehicle unless a separate aerial is mounted externally.

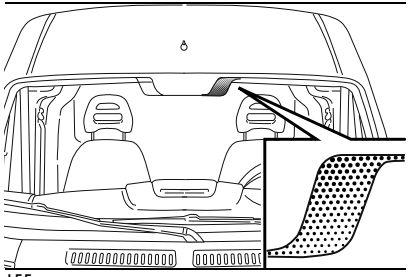
WARNING The use of such devices inside the passenger compartment (without an external aerial) may, in addition to potential damage to the health of the passengers, cause malfunctions in the vehicle electronic systems, compromising the safety of the vehicle.In addition, the transmission and reception of these devices may be affected by the shielding effect of the vehicle body.As far as the use of EC-approved mobile phones is concerned (GSM, GPRS, UMTS), follow the usage instructions provided by the mobile phone manufacturer.

SETUP FOR FITTING TELEPASS ON REFLECTIVE WINDSCREEN

(for versions/markets, where provided)
If the vehicle is equipped with a reflective windscreen, install the Telepass in the appropriate area shown in fig. 154 - fig. 155.



154 F1A0310



155 F1A0311

WARNING

72) *Take care when fitting additional spoilers, alloy wheels or non-standard wheel hubs: they could reduce the ventilation of the brakes and affect efficiency under sharp, repeated braking or on long descents. Make sure that nothing obstructs the pedal stroke (mats, etc.).*

PROTECTING THE ENVIRONMENT

The following devices are used for reducing diesel fuel engine emissions:
❒ oxidising catalytic converter;
❒ exhaust gas recirculation system (EGR);
❒ particulate filter (DPF) (for versions/markets, where provided).
⚠ 73)

DIESEL PARTICULATE FILTER (DPF)

The Diesel Particulate Filter is a mechanical filter, integral to the exhaust system, that physically traps carbon particles present in the exhaust gases of diesel engines.

The diesel particulate filter has been adopted to eliminate almost all particulates in compliance with current / future legal regulations.

During normal use of the vehicle, the Powertrain Control Module records a set of data (travel time, type of route, temperatures reached etc.) and calculates how much particulate has been trapped by the filter.

Since this filter physically traps particulate, it should be regenerated (cleaned) at regular intervals by burning carbon particles.

The regeneration procedure is controlled automatically by the Powertrain Control Module according to the filter conditions and vehicle usage conditions.

During regeneration, the following may occur: a limited increase in the engine speed, activation of the fan, a limited increase in fumes and high temperatures at the exhaust.

These are not faults; they do not impair vehicle performance or damage the environment. If the dedicated message is displayed, refer to the "Warning lights and messages" section.

WARNING

73) *The Diesel particulate filter (DPF) reaches high temperatures during normal operation. Do not park the vehicle on flammable material (grass, dry leaves, pine needles etc.): fire hazard.*

KNOWING THE INSTRUMENT PANEL

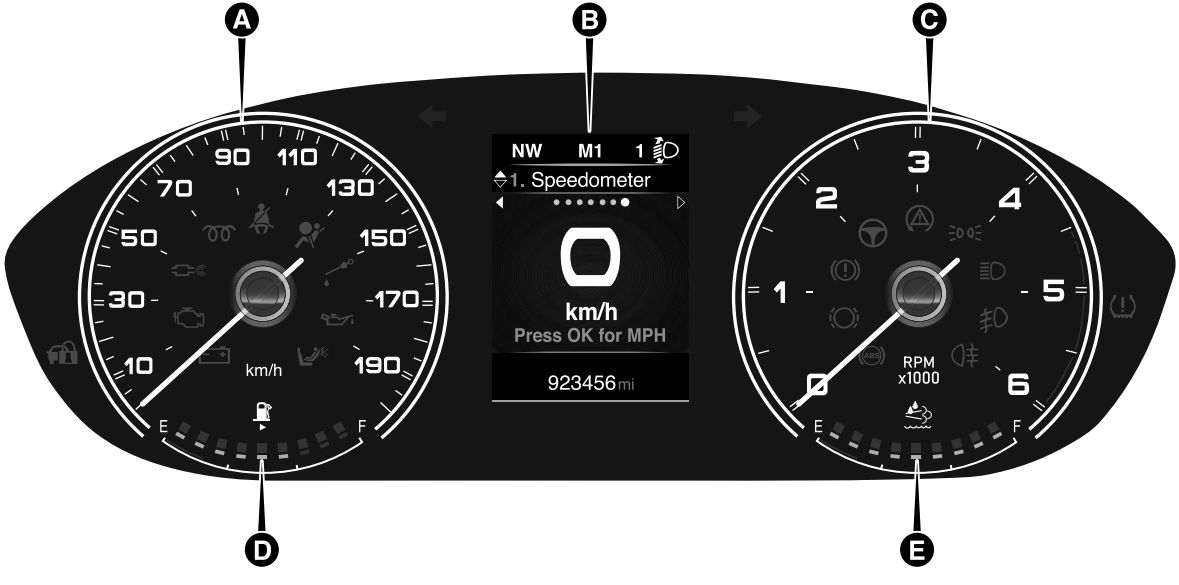
This section of the handbook provides all information that is useful for getting to know, interpreting, and using the instrument panel correctly.

EOBD SYSTEM

The EOBD system (European On Board Diagnosis) allows continuous diagnosis of emission-related components on the vehicle to be made.
It also alerts the driver, by switching on the warning light on the instrument panel, when these components are no longer in peak condition (see “Warning lights and messages” chapter).
The aim of the system is to:
❒ monitor system efficiency;
❒ indicate an increase in emissions due to vehicle malfunction;
❒ indicate the need to replace components which have deteriorated.
The system also has a connector that can be interfaced with appropriate equipment, 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 traffic control authorities.

WARNING After eliminating the failure, to check the system completely, the Dealership will run a bench test and, if necessary, a road test which may also call for a long journey.

3.5" DISPLAY HEAVY DUTY VERSION

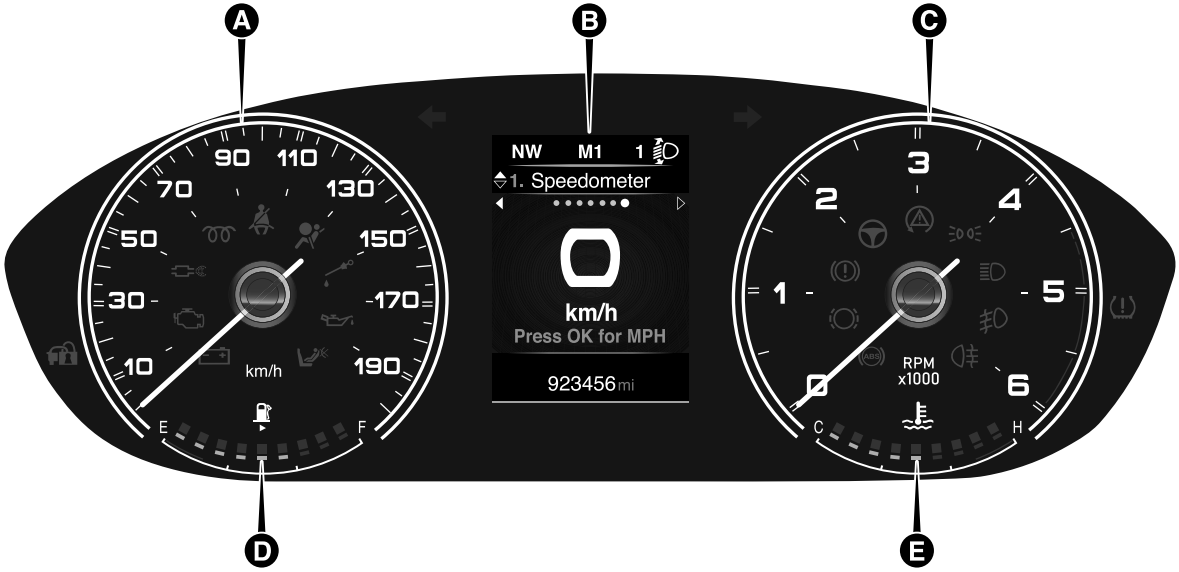


156 F1A9001

A. Speedometer B. Multifunction display C. Tachometer D. Fuel level gauge E. AdBlue® diesel emissions additive level gauge

WARNING The illumination of the instrument panel graphics may vary according to version.

3.5" DISPLAY LIGHT DUTY VERSION

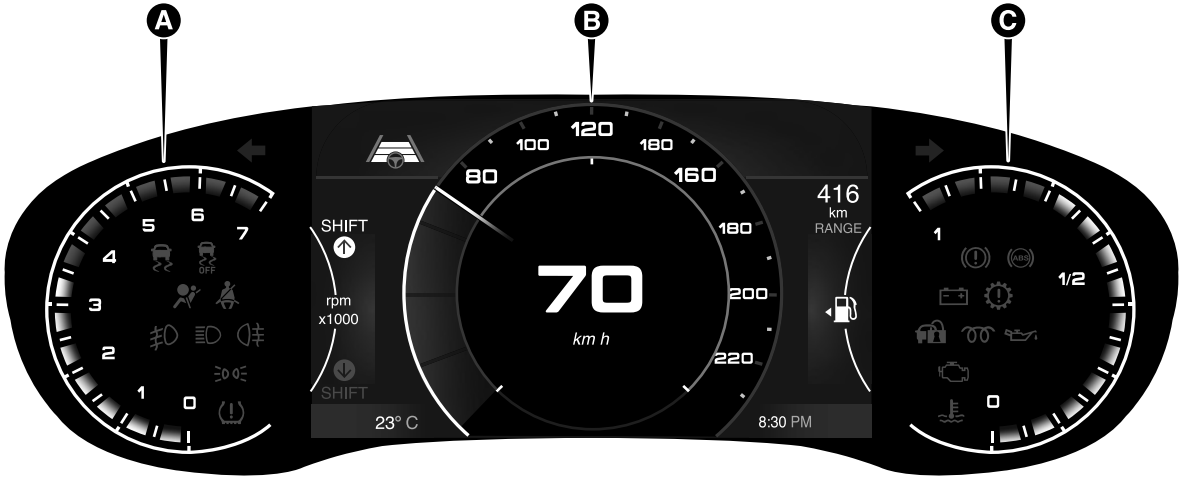


157 F1A9002

A. Speedometer B. Multifunction display C. Tachometer D. Fuel level gauge E. Engine coolant temperature gauge

WARNING The illumination of the instrument panel graphics may vary according to version.

7” DISPLAY

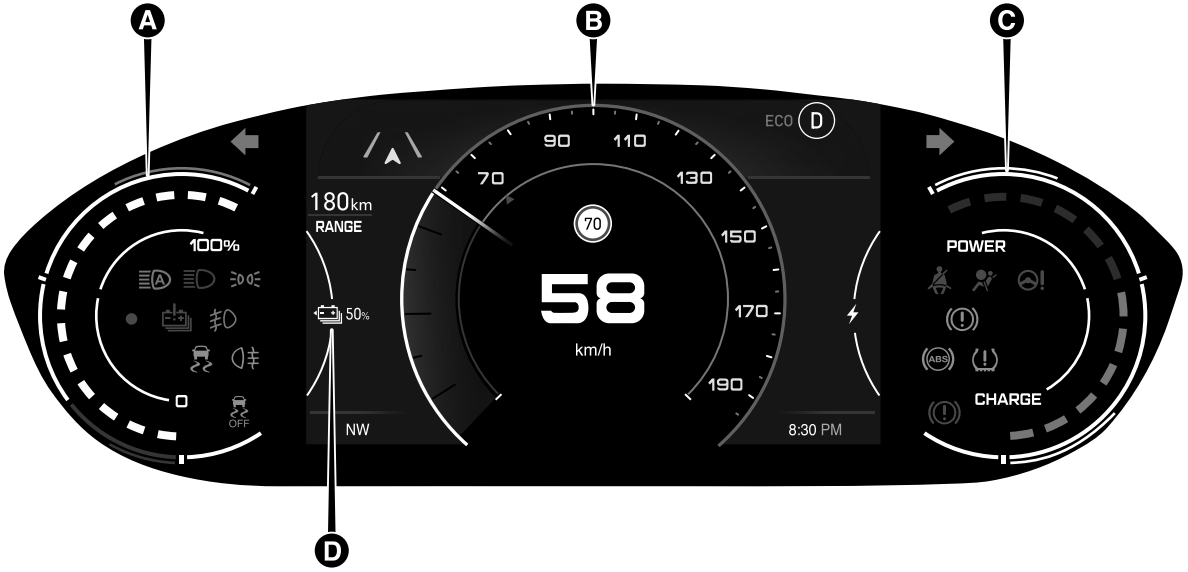


158 F1A9003

A. Tachometer B. Speedometer and multifunction display C. Fuel level gauge

WARNING The illumination of the instrument panel graphics may vary according to version.

Display electric versions



159

F1A9004

A. Speedometer - In km/h or mph depending on the market B. Reconfigurable multifunction display C. Driving mode ("EcoCoaching") D. High-voltage battery charge level

SPEEDOMETER

Indicator (A) shows the speed of the vehicle.

TACHOMETER

Indicator (C) shows the engine revs.

WARNING 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 activation of the climate control system or fan. In these cases, a slow change in revs is used to protect the battery charge.

FUEL LEVEL GAUGE

The digital indicator (D) shows the amount of fuel left in the fuel tank.

(E) - Tank empty.

(F) - Tank full (see the description in paragraph "Vehicle refuelling" chapter in the "Starting and driving").

The warning light on the indicator switches on when there are about 10-12 litres of fuel (for versions with tank capacity 75-90 litres) or 9 litres (for versions with tank capacity 60 litres) remaining in the tank.

Do not travel with the tank nearly empty to prevent damaging the catalytic converter.

WARNING The hand will point to (E) and the warning light will flash to indicate a fault in the system. If this is the case, go to a Dealership to have the system checked.

WARNING It is not advisable to activate the additional Webasto heater in reserve conditions.

ENGINE COOLANT TEMPERATURE INDICATOR

The digital gauge (E) fig. 157 indicates the temperature of the of engine coolant and starts giving indications when the coolant temperature exceeds approximately 50°C. In normal use of the vehicle, the indicator will show the various positions on the scale according to the conditions of use of the vehicle.

(C) - Low engine coolant temperature.

(H) - High engine coolant temperature.

The warning light on the indicator indicates that the temperature of the engine coolant has increased excessively. In this case, stop the engine and contact a Dealership. 20)

AdBlue® DIESEL EMISSIONS ADDITIVE LEVEL GAUGE

The digital gauge (E) fig. 156 indicates the level of AdBlue® diesel emissions additive. In normal use of the vehicle, the indicator will show the various positions on the scale according to the conditions of use of the vehicle.

(E) - Tank empty.

(F) - Tank full (see the description in paragraph "Vehicle refuelling" chapter in the "Starting and driving").

IMPORTANT

20) *If the indicator for the engine coolant temperature reaches the red area, stop the engine immediately and contact a Dealership.*

DISPLAY

DISPLAY (electric versions excluded)

Description

The vehicle is equipped with a display (B) fig. 156 and fig. 157 that can show useful information to the driver while driving.

With the ignition device in the STOP position and the key removed, the display lights up and shows the time and total odometer reading (in km or miles) for a few seconds when a door is opened/closed.

NOTE After checking the icons for AEB (Autonomous Emergency Braking)/Lane Control/Attention Assist/Traffic Sign Recognition (for versions/markets), (see the “Warning lights and messages” chapter in this section it will be necessary to wait a few seconds before being able to change the instrument panel display by pressing the '”MENU VIEW” button.

GEAR SHIFT INDICATOR

The Gear Shift Indicator (GSI) system gives an indication in a specific indication in area (A) fig. 160 for versions with 3.5" display or (A) fig. 161 on 7" display of the instrument panel to advise the driver when to shift gear.

160 F1A0892

161 F1A9036

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

When the ▲ / ▶ symbol appears on the display, the GSI is advising the driver to shift up, while the ▼ / ◀ symbol advises the driver to shift down.

The indication in the display remains until a gear is shifted or the driving conditions go back to a situation where gearshifting is not required to improve consumption.

On some versions, the engaged gear and the recommended one are displayed next to the ▲ / ▶ or ▼ / ◀ symbol.

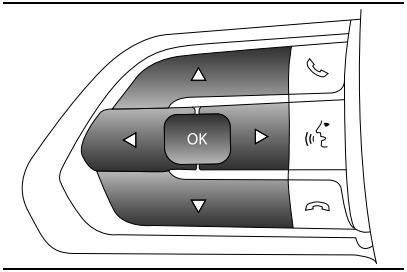
Icons ⏶ / ⏩ or ⏷ / ⏪ may appear when the GSI recommends shifting to a gear two steps higher than the currently engaged one. On these versions, the system only displays the engaged gear when the driving conditions do not make it necessary to change gear to optimise fuel consumption.

The indications of the engaged gear and the recommended gear shift temporarily disappear from the display during a gear shift and reappear as soon as the gear shift is finished.

CONTROL BUTTONS

They are located on the steering wheel fig. 162 and allow the driver to select and interact with the items in the Main

menu of the display (see the "Display screens" paragraph).



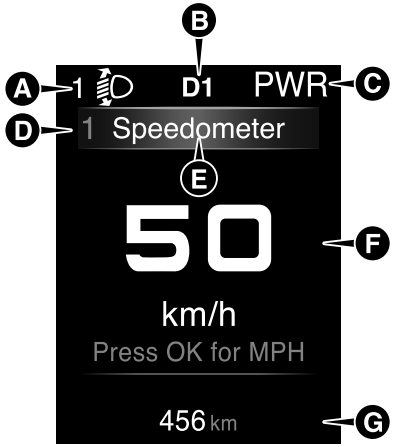
162 F1A0637

❒ △ / ▽: press and release the buttons to access the Main menu and to scroll the menu and the submenus upwards or downwards.
❒ ◁ / ▷: press and release the buttons to access the information screens or the submenus of an item of the Main menu.
❒ **OK**: press this button to access/select the info displays or the submenus of an item of the Main menu. Hold the button pressed for 1 second to reset the displayed/selected functions.

3.5" DISPLAY

The display fig. 163 will show the following information:

A Headlight alignment position
B Gear Shift Indicator, Start&Stop
C Drive Mode, rear Seat Belt Reminder (where provided)
D Navigation indications, menu title identification number
E Reconfigurable zone. Title menu, Seat Belt Reminder (where provided)
F Main area
G Odometer, Cruise Control, Traffic Sign Recognition, Hill Descent Control



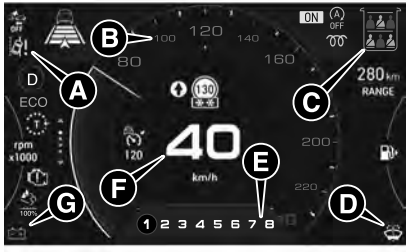
163 F1A0889

7" DISPLAY

The following information appears on the display fig. 164 (Heavy Duty version) and fig. 165 (Light Duty version).

A Driving assistance device indications
B Multi-function dial indicator: speedometer and driver assistance system indication
C Seat belt status indication
D Yellow symbols
E GSI indications - reconfigurable area
F Speedometer and driving assistance device indications
G Red symbols

Heavy Duty Version

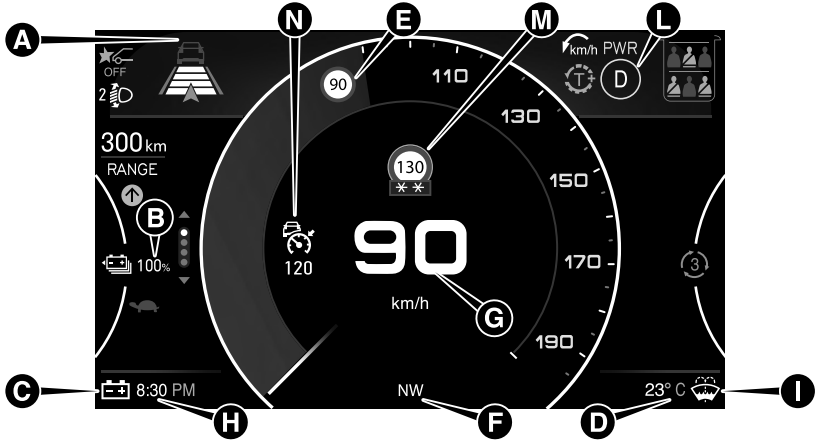


164 F1A9034

Light Duty Version

165 F1A9037

DISPLAY (electric versions)
Main screen



166 F1A9016

The main screen fig. 166 shows the following information.
A. Driving assistance and active safety system notifications B. High-voltage battery charge level and range C. Failure icons D. External temperature E. Multifunctional dial indicator and driving assistance system notifications F. Compass (where provided) G. Speedometer H. Clock I. Amber notification or failure indication icons L. Gear engaged notifications, headlight alignment and SBR (Seat Belt Reminder) M. TSR and ISA system indications (where provided) N. Cruise Control/Adaptive Cruise Control/ Speed Limiter/Intelligent Speed Assist (where provided)

A - Driving assistance and active safety system notifications

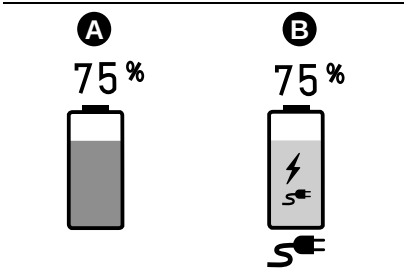
This position displays the status icons of the various functions (where provided), such as ACC (Adaptive Cruise Control), AEB Control (Autonomous Emergency Brake Control) or Lane Control, active safety systems, such as ESC (Electronic Stability Control), TSR (Traffic Sign Recognition) and ISA (Intelligent Speed Assist) and thumbnails of the driving aid systems.

NOTE After checking the icons for AEB (Autonomous Emergency Braking)/Lane Control/Attention Assist/Traffic Sign Recognition (for versions/markets), (see the “Warning lights and messages” chapter in this section it will be necessary to wait a few seconds before being able to change the instrument panel display by pressing the '”MENU VIEW” button.

Refer to the "Starting and Driving" section for more information about driving assistance systems.

Refer to the "Safety" section for more information about active safety devices.

B - High-voltage battery charge state of charge and range



167 F1A9017

In this position the state of charge of the high-voltage battery is indicated by a percentage and a vertical bar of height proportional to the state of charge of the battery (A) fig. 167. Both indications are coloured according to the state of charge:

❒ range greater than 24 km: blue

❒ range between 24 km and 16 km: yellow

❒ range lower than 16 km: red

When charging via a power socket, the vertical bar is coloured green and the symbols ⚡ and 🔌 (B) fig. 167 appear. The height of the vertical bar is proportional to the state of charge of the battery.

The estimated remaining range is indicated by a numerical value (in km or miles, depending on the display settings) and an indicator that indicates any changes in expected range:

❒ by means of an up ▲ arrow and a blue bar if the current driving style increases the range;

❒ by means of a down ▼ arrow and a red bar if the current driving style decreases the range.

In case the driving style does not change the range, no graphic signals are displayed.

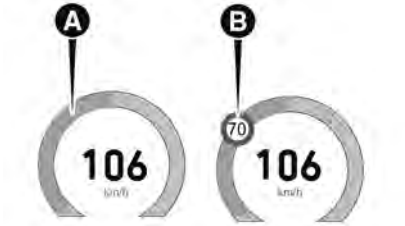
C - Failure icons

All failure icons are displayed in this position. In case of multiple failures, the display will be in succession.

D - External temperature

The external temperature is displayed in °C or °F depending on the display settings.

E - Multifunctional dial indicator and driving assistance system notifications



168 F1A9018

The fig. 168 shows the current speed and (B) whether one of the speed control systems (Cruise Control, Adaptive Cruise Control, Traffic Sign Recognition and Intelligent Speed Assist) is active. The round bar (A) also provides visual signals for particular states of the selected speed control system. Refer to the "Starting and Driving" section for more information about driving assistance systems.

169 F1A9019

Pressing and releasing the controls on the steering wheel △/▽ will open an alternative display that indicates the driving mode instead of speed. The driving style is indicated in real-time by a cursor that can be positioned in the following areas (see fig. 168):

❒ (A) "CHARGE": regeneration mode.
❒ (B) "ECO": energy-saving driving.
❒ (C) "POWER": more energy-efficient performance driving.

F - "Compass (where provided)

For versions with **Uconnect™** system with integrated navigator, in position (F) fig. 166 the direction the vehicle is travelling in is shown in real-time.

G - Speedometer

The instantaneous speed of the vehicle (in km/h or mph) is displayed in this position, which can also be displayed at the top of the display.

H - Odometer

Kilometres or miles travelled (depending on the display settings) are displayed in position (H) fig. 166.

I - Amber notification or failure indication icons

The amber notification icons (e.g. brake pedal pressure request) or failure signal icons are displayed in succession (in case of several notifications) in position (I) fig. 166.

L - Gear engaged notifications, headlight alignment and SBR (Seat Belt Reminder)

In position (L) fig. 166 the following information is displayed:

❒ driving mode ("NORMAL", "ECO", "POWER");
❒ gear engaged (D, N, R, P);
❒ headlight alignment;
❒ electrical system readiness at start-up ("READY") warning;
❒ SBR (Seat Belt Reminder) system notifications. Refer to the “SBR system” chapter in the “Safety” section for more information.

M - TSR and ISA system indication (where provided)

Traffic Signal Recognition (TSR) speed limit alerts set on the Intelligent Speed Assist (ISA) system are shown in position (N) fig. 166.

N - Cruise Control / Adaptive Cruise Control / Speed Limiter / Intelligent Speed Assist target speed setting (where provided)

The desired speed signal, set on Cruise Control, Adaptive Cruise Control, Speed Limiter and Intelligent Speed Assist systems is displayed in position (O) fig. 166.

Notifications bar

The lower part of the display is reconfigurable via the display menu.
The following information can be displayed on the left hand side: external temperature (default setting), time, date, compass (where provided) and vehicle speed repeat (where provided).
In the centre zone: odometer (default setting), Audio information (where provided information, time, external temperature, date, compass and vehicle speed repetition.
On the right side: time (default setting), odometer, external temperature, date, compass (where provided), vehicle status (ON, OFF, RUN).

DISPLAY SCREENS

You can navigate through the following main and detail screens using the controls on the steering wheel.
The menus are indicative and may vary for versions and markets.

Screenshot list

7" DISPLAY

Main screen

By pressing and releasing △/▽ the user can choose to display:

- ❒ the multifunction dial indicator showing the speed of the vehicle

or:

- ❒ the multifunction dial indicator showing the speed of the vehicle, plus the indicator recommending the gear to engage

◁/▷

Home
- ❒ Speedometer
- ❒ Speedometer + GSI (where provided)

Trip

Press and release △/▽:
- ❒ Trip A
- ❒ Trip B

Driver assist
- ❒ Adaptive Cruise Control
- ❒ Lane Departure Warning
- ❒ Forward Crossing Alert

Vehicle info

By pressing and releasing △/▽ the user can choose to display:
- ❒ Tyre pressure (where provided)
- ❒ Radiator coolant temp (where provided)
- ❒ Oil temperature (where provided)
- ❒ Oil life (where provided)
- ❒ Battery charger (where provided)
- ❒ Suspension level (where provided)
- ❒ AdBlue (*) (where provided)
- ❒ Service (Scheduled servicing) (where provided)

◁/▷

Audio

Navigation

Alerts

Settings
- ❒ Display
- ❒ Units
- ❒ Date and Time
- ❒ Safety
- ❒ Brakes
- ❒ Safety / Assistance
- ❒ Mirrors and windscreen wipers
- ❒ Lights
- ❒ Doors & Locks
- ❒ Idle preset
- ❒ Engine switch off procedure

3.5" DISPLAY

Trip
- ❒ Instant information
- ❒ Trip A
- ❒ Trip B
- ❒ Speedometer

GSI (Gear Shift Indicator) (only for manual transmission versions)

Vehicle info
- ❒ Tyre pressure
- ❒ Coolant temp
- ❒ Oil temperature
- ◁/▷ ❒ Oil life
- ❒ Battery charge
- ❒ Suspension level
- ❒ AdBlue (*)
- ❒ Service (scheduled servicing)

Driver Assist
- ❒ Adaptive Cruise Control
- ❒ Lane Departure Warning
- ❒ Traffic Sign Recognition

Audio

Navigation relay (where provided)

Messages

Settings
- ❒ Display
- ❒ Units
- ❒ Date and Time
- ❒ Safety
- ❒ Brakes
- ❒ Safety / Assistance
- ❒ Mirrors and windscreen wipers
- ◁/▷ ❒ Lights
- ❒ Doors & Locks
- ❒ Idle preset

In the case of multiple screens, indicates the presence of screens to the right and/or left of those displayed. Scrolling between pages is possible using the arrows △/▽.

(*) Light Duty versions only

Trip computer

The "Trip computer" screen (fig. 170) can be used to view several parameters relating to the operational status of the vehicle. This function has two separate memories, "Trip A" and "Trip B", where the data for the "complete journeys" (trips) of the vehicle is recorded independently from each other.

Press the △ or ▽ button to switch from "Trip A" to "Trip B" and vice versa.

170 F1A0737

The screen can be used to show the following items: "Current consumption", "Average consumption", "Distance", "Average speed", "Travel time".

The sizes are displayed in "km"/"mi" and "km/h"/"mph" depending on the display settings.

Both values can be reset: press and hold down the OK button on the steering wheel.

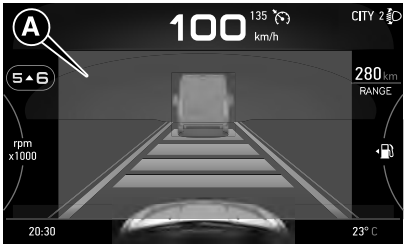
NOTE The total consumption cannot be reset.

Driver assist

This screen in area (A) fig. 171 (for the 3.5" display) or (A) fig. 172 (for the 7" display) shows messages and visual indications of the following driving assistance systems:
- ❒ CC (Cruise Control)
- ❒ ACC (Adaptive Cruise Control);
- ❒ TSR (Traffic Sign Recognition) / TSI (Traffic Sign Information);

❒ Lane Sense.
As more recent notifications are shown, previous notifications are overwritten.
NOTE After a few seconds, the title of the selected function may change to show what was previously set ((E) fig. 163).

171 F1A9068



172 F1A9070

For some driving assistance devices, pop-up alerts are marked in yellow or red at the bottom of the screen according to the type of warning.
Refer to the "Starting and Driving" section for more information about driving assistance systems.

Vehicle info

The screen shows the following information:
❒ Tyre pressure
❒ Coolant temp
❒ Oil temperature
❒ Oil life
❒ Battery charge
❒ Suspension level
❒ AdBlue (Light Duty versions only)
❒ Service (scheduled servicing)

Press the △ or ▽ button to switch between the "Tyre pressure" screen and the "Service" screen.

Audio

(where provided)
This screen repeats the audio playback information shown on the **Uconnect™** system (where provided):
❒ FM/DAB radio;
❒ Media (USB, **Bluetooth®**);
❒ Android Auto, Apple CarPlay, Baidu Carlife.
Refer to the "Multimedia" section for more information.

Navigation

(where provided)
This screen repeats the instructions provided by the **Uconnect™** system navigator. The display can be pictogram or map (the latter for the 7" version.
Refer to the "Multimedia" section for more information.

Alerts

This display displays the recorded messages and pop-ups previously displayed by the user.

Vehicle setup (Change vehicle settings)

This screen allows you to customise the displays and notifications on the display and the various functions of the vehicle.
NOTE The tachograph components are illustrated below. The menus may vary depending on the equipment of the vehicle.

NOTE Some settings may be managed using the **Uconnect™** system (see "Settings" in the "Vehicle mode" paragraph in the "Multimedia" section).
NOTE The lists of menu items are indicative.
In particular, this function allows you to change the settings for:

❒ Display
Selecting this item accesses the following settings (where provided):

- Display Settings: customisation of the information displayed on the bottom left, right and centre of the display.
- Electric car (where provided): vehicle ready notification settings and start-up and shutdown sounds.
- Dimmer: screen brightness on 8 levels.
- Reset Trip B: periodic reset of Trip B.
- See navigation: enable/disable (map and pictograms also available for 7" version).
- Language: this sets the display language.

❒ Units
Selecting the item you can choose the unit of measurement to be used for displaying the various values:

- US/ metric (where provided).
- Metric/ Imperial (where provided).
- Customisable parameters: speed, distance, consumption, pressure, temperature (where provided).

❒ Date and Time
Select this item to make the following adjustments (where provided):

- Time setting.
- Format setting: 12 hours/24 hours.
- Date setting.

❒ Safety
Select this item to make the following adjustments (where provided):

- Passenger airbag: enable/disable.
- Seat Belt Reminder: enable/disable.
- Speed alarm: enable/disable.
- Hill Hold Control: enable/disable.

❒ Brakes
Select this item to make the following adjustments (where provided):

- Brake service.
- Auto Park Brake: enable/disable electric parking brake automatic engagement.

❒ Safety / Assistance
Select this item to make the following adjustments (where provided):

- Buzzer volume: off, low level, medium level, high level.
- Lane Sense warning: early, medium, delayed.
- Lane Sense strength: low, medium, high.
- Intelligent Speed Assist: confirmation, automatic.
- Traffic Sign Assist: enable, disable.
- Traffic Sign Assist alert: off, visual, visual and acoustic.
- New speed detection: off, visual, audible.
- Forward Collision Warning: on/off.
- Forward Collision Warning sensitivity: near, medium, far.
- Warning Side Distance: enable, disable.
- Park Sense: acoustic, acoustic and visual.
- Rear Park Sense volume: near, medium, far.
- Front Park Sense volume: near, medium, far.
- Attention Assist warning: enable, disable.
- Blind Spot warning: visual/visual and acoustic/off.
- Trailer length for Blind Spot Alert: automatic, max.

❒ Mirrors and windscreen wipers

Select this item to make the following adjustments (where provided):

- Rain sensor: enable, disable.

❒ Lights

Select this item to make the following adjustments (where provided):

- Dipped beam sensitivity: 1 to 3.
- Courtesy lights: 0, 30, 60, 90 seconds.
- Automatic main beam: enable, disable.
- Cornering lights: enable, disable.

❒ Doors & Locks

Select this item to make the following adjustments (where provided):

- Automatic door lock: enable, disable.
- Door unlock on exit: enable, disable.
- Flash dipped beam headlights when closing: enable/disable.
- Horn on door lock: enable, disable.
- Passive Entry: enable, disable.

❒ Idle Preset

This allows the following adjustments to be made to the "Engine Idle Preset" function (where provided):

- Idle Preset activation: enable, disable.
- Idle speed selection: from 900 rpm to 2200 rpm.

❒ Engine stopping procedure

Select this item to switch off the engine in the event of a fault in the Keyless Enter-N-Go system, following the procedure described on the display (where provided).

WARNING LIGHTS AND MESSAGES

The warning light can switch on together with (where the instrument panel permits) a specific message and/or acoustic warning. These indications are indicative and precautionary and as such must not be considered as exhaustive and/or alternative to the information contained in the Owner Handbook, which you are advised to read carefully in all cases. Always refer to the information in this section in the event of a failure indication.

WARNING The failure indicators appearing on the display are divided into two categories: very serious and less serious failures. Serious faults are indicated by a repeated and prolonged warning "cycle". Less serious faults are indicated by a warning "cycle" with a shorter duration. The display cycle of both categories can be interrupted. The instrument panel warning light will stay on until the cause of the malfunction is eliminated.

Warning lights on panel

	What it means
 red/yellow	INSUFFICIENT BRAKE FLUID / PARKING BRAKE ON The warning light switches on when the key is turned to MAR-ON, but it should switch off after a few seconds. **Low brake fluid level** The warning light turns on when the level of the brake fluid in the reservoir falls below the minimum level, possibly due to a leak in the circuit. Restore the brake fluid level, then check that the warning light has switched off. If the warning light switches on while driving, stop immediately and contact a Dealership. **Parking brake on** The warning light switches on when the parking brake is engaged. Release the parking brake, then check that the warning light has switched off. If the warning light stays on, contact a Dealership.
 red	EBD FAILURE The simultaneous switching on of the (!) (red), (ABS) (amber) and (amber) warning lights (for versions/markets, where provided), with the engine on, indicates either a fault of the EBD system or that the system is not available. In this case, the rear wheels may suddenly lock and the vehicle may swerve when braking sharply. Drive very carefully to the nearest Dealership to have the system inspected immediately.

	What it means
 amber	EBD FAILURE The simultaneous switching on of the (red), (amber) and (amber) warning lights (for versions/markets, where provided), with the engine on, indicates either a fault of the EBD system or that the system is not available. In this case, the rear wheels may suddenly lock and the vehicle may swerve when braking sharply. Drive very carefully to the nearest Dealership to have the system inspected immediately.
 amber	
 red	AIRBAG FAILURE The warning light switches on when the ignition key is turned to MAR, but it should switch off after a few seconds. The warning light stays on constantly if there is a fault in the airbag system. **74) 75)**
 red	SEAT BELTS REMINDER (for versions/markets, where provided) The warning light switches on constantly with the vehicle stationary and the driver's seat belt not fastened. The warning light flashes and an acoustic warning will sound if the vehicle is in motion and the driver's seat belt is not correctly fastened. For permanent deactivation of the acoustic signal (buzzer) of the SBR (Seat Belt Reminder) contact a Dealership. With the multifunction display, you can also reactivate the system through the Setup menu.

	What it means
 red (electric versions excluded)	ENGINE COOLANT TEMPERATURE TOO HIGH The warning light switches on when the ignition key is turned to MAR, but it should switch off after a few seconds. The warning light turns on when the engine is overheated. NOTE The screen-printed icon indicating excessive engine coolant temperature is only provided on versions with reconfigurable multifunction display. In normal driving conditions: stop the vehicle, switch off the engine and check that the water level in the reservoir is not below the MIN mark. In this case, wait for the engine to cool down, then slowly and carefully open the cap, top up with coolant and check that the level is between the MIN and MAX marks on the reservoir itself. Also check visually for any fluid leaks. If, when restarting, the warning light switches on again, contact a Dealership. If the vehicle is used under demanding conditions (e.g. in high-performance driving): slow down and, if the warning light stays on, stop the vehicle. Stop for two or three minutes with the engine running and slightly accelerated to facilitate better coolant circulation, then turn the engine off. Check that the coolant level is correct as described above. WARNING Over demanding routes, it is advisable to keep the engine running and slightly accelerated for a few minutes before turning it off.
 red	ELECTRIC POWER STEERING FAILURE The warning light switches on when the ignition device is brought to the MAR position, but it should switch off after a few seconds. If the warning light remains on, you could not have power steering and the effort required to operate the steering wheel could increase considerably, however it is still possible to steer the vehicle. Contact a Dealership in this case. If the warning light comes on while driving you may not have steering assistance. Although it will still be possible to steer the vehicle, the effort needed to operate the steering wheel could be increased: contact a Dealership as soon as possible. WARNING In some circumstances, factors independent of the electric power steering could cause the warning light on the instrument panel to switch on. In this case, stop the vehicle immediately (if you are moving), stop the engine for about 20 seconds (taking the ignition device to the STOP position) and then restart the engine. If the warning light stays on, contact a Dealership. WARNING The steering must be initialised after disconnecting the 12V battery. The warning light turns on to indicate this. To carry out this procedure, slowly turn the steering wheel all the way from one end to the other or drive in a straight line for about a hundred metres. Contact a Dealership.

	What it means
 red	ANTI-INTRUSION WARNING (for versions/markets, where provided) The warning light flashes to indicate that the anti-intrusion system has intervened.
 amber	EOBD/INJECTION SYSTEM FAILURE In normal conditions, when the ignition key is turned to MAR the warning light switches on, but it should switch off as soon as the engine is started. The operation of the warning light may be checked by the traffic police using specific devices. Comply with the laws and regulations of the country where you are driving. 21)
 amber	INJECTOR FAILURE (Heavy Duty version) If the warning light or symbol on the display stays on or switches on when driving, it means that the injection system is not working properly; in particular, if the warning light or symbol comes on constantly, this indicates a malfunction in the supply/ignition system that could cause excessive exhaust emissions, a possible loss of performance, poor driveability and high fuel consumption. The warning light or symbol on the display switches off if the malfunction disappears, but is still stored by the system. Under these conditions, the vehicle can continue travelling at moderate speed without demanding excessive effort from the engine. Prolonged use of the vehicle with the warning light on may cause damage. Go to a Dealership as soon as possible.
 amber (electric versions excluded)	AdBlue® (UREA) INJECTION SYSTEM FAILURE The warning light comes on, together with a dedicated message on the panel (for versions/markets, where provided) if a liquid not conforming with the nominal characteristics is injected, if an average consumption of AdBlue® (UREA) greater than or less than 50% is detected or in the event of failures that could compromise the correct functioning of the AdBlue® injection system. Go to a Dealership as soon as possible. If the problem is not solved, a specific message will appear on the instrument panel display whenever a certain threshold is reached until it will no longer be possible to start the engine. When 200 km are left before you will no longer be able to restart the engine, a continuous dedicated message will appear on the display (for versions/markets, where provided) accompanied by an acoustic warning sound.

	What it means
 amber	ABS FAILURE The warning light switches on when the ignition key is turned to MAR, but it should switch off after a few seconds. The warning light switches on to indicate a system fault. In this case the braking system maintains its efficiency unaltered but without the advantage of the ABS system. Drive carefully and go to a Dealership as soon as possible.
 amber (electric versions excluded)	FUEL RESERVE The warning light switches on when the ignition key is turned to MAR, but it should switch off after a few seconds. The warning light switches on when there are about 10/12 litres of fuel (for versions with tank capacity 75/90 litres) or 9 litres (for versions with tank capacity 60 litres) remaining in the tank. On some versions, the triangle on the right side of the warning light indicates the side of the vehicle with the fuel filler. The warning light will blink to indicate a system fault. If this is the case, go to a Dealership to have the system checked.
 amber (electric versions excluded)	GLOW PLUG PREHEATING / GLOW PLUG PREHEATING FAILURE **Glow plugs** This warning light or symbol on the display switches on when the key is turned to MAR. It will switch off as soon as the glow plugs have reached a preset temperature. WARNING When it is particularly warm outside, the warning light stays on for an extremely short time. Start the engine as soon as the warning light switches off. **Glow plug preheating failure** The warning light or symbol on the display flashes if there is a fault in the glow plug preheating system. Contact a Dealership as soon as possible.
 amber (electric versions excluded)	LOW AdBlue® (UREA) DIESEL EMISSIONS ADDITIVE LEVEL WARNING (for versions/markets, where provided) The warning light or the symbol in the display will come on if the vehicle has a low level of AdBlue® (UREA). Fill the AdBlue® (UREA) tank.

	What it means
 amber	REAR FOG LIGHTS The warning light comes on when the rear fog lights are turned on.
 amber	ESC-TRACTION CONTROL ASR/TRACTION PLUS SYSTEM INTERVENTION Flashing of the warning light while driving indicates the intervention of the ESC system. If the warning light does not go out or remains on whilst driving, go to a Dealership.
	CROSS WIND ASSIST SYSTEM INTERVENTION Flashing of the warning light while driving indicates the intervention of the Cross Wind Assist system. If the warning light does not go out or remains on whilst driving, go to a Dealership.
	HILL HOLDER SYSTEM FAILURE The warning light will turn on when the Hill Holder system is faulty. In this case, contact a Dealership as soon as possible.
 amber	ESC-ASR / TRACTION PLUS SYSTEM DEACTIVATION The warning light comes on when the driver presses the ESC OFF button  or activates the Traction Plus function (for versions/markets, where provided).
 amber	START&STOP SYSTEM MANUAL DEACTIVATION (for versions/markets, where provided) The warning light or symbol also appears on the display if the Start&Stop system is deactivated.
 amber	LANE CONTROL SYSTEM FAILURE (where provided) This warning light or symbol also appears on the display in the event of a Lane Control system failure. Contact a Dealership as soon as possible.

	What it means
 white / yellow amber / green	LANE CONTROL SYSTEM (where provided) The warning light or the symbol in the display comes on as follows: *Warning light continuously on (white):* the system is activated, but the lane limits were not detected (the lane lines are grey). *Warning light on and flashing (amber):* the vehicle has approached the lane line and is about to pass it. *Warning light switched on continuously (green):* the system has detected the limits of both lanes. The system will act on the steering wheel if the lane was passed unintentionally.
 amber	iTPMS **iTPMS failure** The warning light flashes for about 75 seconds and then stays on constantly to indicate that the system is temporarily deactivated or faulty. In this case, contact a Dealership as soon as possible. **Low tyre pressure** The warning light turns on to indicate that the pressure of one or more tyres is lower than the recommended value and/or that slow pressure loss is occurring. In these circumstances, optimal tyre duration and fuel consumption may not be guaranteed. In this case it is advisable to restore the correct pressure value. WARNING Do not continue driving with one or more flat tyres as vehicle handling may be compromised. Stop the vehicle, avoiding sharp braking and steering.
 amber	OPERATION OR TRIGGERED OR AUTONOMOUS EMERGENCY BRAKE CONTROL (AEB Control) SYSTEM FAILURE (for versions/markets, where provided) The warning light or symbol also appears on the display if the system intervenes. The warning light or symbol appears if the system is not available. Contact a Dealership as soon as possible.
 amber	MANUAL DEACTIVATION OR AUTONOMOUS EMERGENCY BRAKE CONTROL (AEB Control) SYSTEM RESTARTING (for versions/markets, where provided) The warning light, or the symbol on the display, turns on with a fixed light if the system is deactivated manually, in case of the temporary blinding of the front camera or temporarily until the system itself is turned back on.

	What it means
 red	FORWARD CROSSING ALERT (for versions/markets, where provided) The warning light comes on when the Forward Crossing Alert system has detected a pedestrian, bicycle or other vehicle in the vicinity.
 amber	FORWARD CROSSING ALERT (for versions/markets, where provided) The warning light comes on when the Forward Crossing Alert system has detected a pedestrian, bicycle or other vehicle in the vicinity.
 green	DIPPED BEAM HEADLIGHTS The warning light switches on when the dipped beam headlights are turned on. FOLLOW ME HOME The warning light switches on when this device is in use (see explanations in "Follow me home device" paragraph in "External lights" in the "Knowing your vehicle" section).
 green	LEFT DIRECTION INDICATOR The warning light switches on when the direction indicator stalk is moved downwards or, together with the right direction indicator, when the hazard warning light button is pressed.
 green	RIGHT DIRECTION INDICATOR The warning light switches on when the direction indicator stalk is moved upwards or, together with the left direction indicator, when the hazard warning light button is pressed.
 green	FOG LIGHTS The warning light comes on when the front fog lights are turned on.

	What it means
 green	AUTOMATIC HIGH BEAM HEADLIGHTS (Automatic High Beam / High Beam Control) This warning light comes on when the automatic high beam headlights are on.
 green	TRACTION PLUS SYSTEM ACTIVATION (for versions/markets, where provided) This warning light or symbol also appears on the display in the event of a Traction Plus system activation.
 blue	HIGH BEAM HEADLIGHTS The warning light switches on when the high beam headlights are turned on.
 red (for electric versions)	HIGH-VOLTAGE BATTERY FAILURE The warning light appears on the instrument panel in case of high-voltage battery failure. In this situation, a drop in vehicle performance is possible. Contact a Dealership immediately.
 green (for electric versions)	VEHICLE READY TO GO This warning light, accompanied by a message on the instrument panel, indicates to the driver that the vehicle is ready to start moving.

WARNING

74) *If when turning the key to MAR the warning light does not turn on or stays on while driving, a fault may have occurred in the restraint systems. In this case the airbags or pretensioners may not be deployed in an accident or, in a lower number of cases, they may be deployed accidentally. Before continuing contact a Dealership to have the system checked immediately.*

75) *The failure of the warning light is indicated by the ⚠ warning light flashing or, depending on the version, by the icon constantly on in the display. In this case, the warning light may not indicate a possible problem with the airbag restraint system. Before continuing contact a Dealership to have the system checked immediately.*

IMPORTANT

21) *If, when the ignition key is turned to MAR, the warning light does not switch on, switches on constantly or flashes while driving, contact a Dealership as soon as possible.*

Symbols and messages on the display

	What it means
red	AIRBAG FAILURE The symbol switches on if there is an airbag system failure. Go to a Dealership as soon as possible.
red (electric versions excluded)	LOW ENGINE OIL PRESSURE The symbol indicates that the engine oil pressure is low. If it turns on temporarily or flashes (for about 5 seconds), check the oil level by following the corresponding procedure (see the description in the "Checking levels" chapter in the "Maintenance and care" section) and top up to the correct level if necessary. If the symbol turns on continuously, contact a Dealership to have the system checked. WARNING IF THE SYMBOL TURNS ON CONTINUOUSLY: Do not use the vehicle until the failure has been solved. The lighting of the symbol does not indicate the amount of oil in the engine. The level can be checked from the engine compartment by lifting the dipstick (see the "Checking levels" chapter in the "Maintenance and Care" section). 25)

	What it means
 red (electric versions excluded)	HIGH OR LOW ENGINE OIL LEVEL The symbol lights up if the engine oil level is too high or too low. Top up the correct amount of engine oil. It is advisable to contact a Dealership.
 red (electric versions excluded)	ALTERNATOR FAILURE The switching on of the symbol with engine on corresponds to an alternator failure. Go to a Dealership as soon as possible.
 red	INCOMPLETE DOOR/LOAD COMPARTMENT CLOSURE The symbol switches on when one or more doors or the load compartment are not completely shut. An acoustic signal will sound when doors/tailgate are open and the vehicle is moving. An acoustic signal will sound when doors/tailgate are open and the vehicle is moving. Close the door(s) or the load compartment correctly.
 red	BONNET NOT PROPERLY SHUT The symbol switches on when the engine bonnet is not properly shut (for versions/markets, where provided). Close the bonnet properly.
 red	AUTOMATIC TRANSMISSION FAILURE The symbol switches on, together with an acoustic warning, to indicate that the automatic transmission is faulty. Go to a Dealership as soon as possible. **26)**
 red	ATTENTION ASSIST SYSTEM INTERVENTION The symbol comes on in the event of a DAA (Driver Attention Assist) system intervention. The system, after estimating the driver's drowsiness level, through specific events, suggests to the driver to stop for a break, because continuing driving is risky. Stop to pause while driving, pulling the vehicle over in safe conditions.

	What it means
 red / green / white	SEAT BELTS The green or white symbol (according to the versions) lights up when the seat belt is fastened correctly. the red symbol lights up when the seat belt is not fastened correctly. Always fasten the seat belt before setting off.
 red	HELP/SOS SYSTEM FAILURE The symbol appears to indicate a failure in the HELP/SOS system. In this case, an emergency call cannot be made. Go to a Dealership as soon as possible to have the system repaired.
 red	HELP/SOS SYSTEM BATTERY FAILURE The symbol appears to indicate a failure of the HELP/SOS call system battery or a low battery charge. In the first case, it will not be possible to make the emergency call, while in the second case the data transmission or connection may be subject to limitations. Go to a Dealership as soon as possible to have the system repaired.
 red / green / yellow / white (electric versions)	BATTERY CHARGE LEVEL The symbol lights up red/yellow/green/white to indicate the charging level of the high-voltage battery
 amber	ATTENTION ASSIST SYSTEM INTERVENTION FAILURE The symbol is displayed for a few seconds when starting the engine. If no faults are present, the symbol goes out. The symbol comes on in the event of an Attention Assist system failure. Contact a Dealership.
 amber	BRAKE PAD WEAR The symbol switches on if the front or rear brake pads are worn. Replace the brake pads as soon as possible.
 amber	KEYLESS ENTRY SYSTEM FAILURE The symbol comes on in the event of a Keyless Entry system failure. Contact a Dealership as soon as possible.

	What it means
 amber (electric versions excluded)	ENGINE OIL PRESSURE SENSOR FAILURE The symbol switches on in the event of engine oil level sensor failure.
 amber (electric versions excluded)	FUEL CUT-OFF SYSTEM OPERATION The symbol switches on in the event of fuel cut-off system intervention. For the fuel cut-off system re-activation procedure, see the "Fuel cut-off system" chapter in the "In an emergency" section. If it is still not possible to restore the fuel supply, contact a Dealership.
 amber (electric versions excluded)	FUEL CUT-OFF SYSTEM FAILURE The symbol switches on in the event of fuel cut-off system failure. Contact a Dealership as soon as possible.
 amber (electric versions excluded)	START&STOP SYSTEM DEACTIVATED The symbol comes on to indicate the deactivation of the Start&Stop system.
 amber (electric versions excluded)	START&STOP SYSTEM FAILURE The symbol switches on to report a failure of the Start&Stop system. Contact a Dealership as soon as possible.
 amber (electric versions excluded)	START&STOP SYSTEM FAILURE / PRESS CLUTCH PEDAL The symbol illuminates to indicate a fault in the Start&Stop system and alerts the driver to the need to press the clutch pedal. Contact a Dealership as soon as possible.

	What it means
 amber	RAIN SENSOR FAILURE (for versions/markets, where provided) The symbol switches on in the case of failure of the rain sensor. Contact a Dealership as soon as possible.
 amber	EXTERNAL LIGHTS FAILURE The symbol switches on to indicate a failure on the following lights: brake lights; daytime running lights (DRL); parking lights; side lights; direction indicators; rear fog light; reversing light; number plate lights. The anomaly may be caused by a blown bulb, a blown protection fuse or an interruption of the electrical connection. Replace the faulty bulb. If the problem persists, contact a Dealership.
 OFF amber	AUTONOMOUS EMERGENCY BRAKE CONTROL (AEB) SYSTEM DEACTIVATION (for versions/markets, where provided) The symbol switches on if the Autonomous Emergency Brake Control system deactivated, if the Autonomous Emergency Brake Control system temporarily non available or obstructed/dirty/unavailable.
 amber	AUTONOMOUS EMERGENCY BRAKE CONTROL (AEB) SYSTEM FAILURE (for versions/markets, where provided) This symbol switches on in the case of an Autonomous Emergency Brake Control system failure. Contact a Dealership as soon as possible.
 amber (electric versions excluded)	FUEL LEVEL SENSOR FAILURE The symbol switches on in the event of fuel level sensor failure. Contact a Dealership.
 amber (electric versions excluded)	WATER IN DIESEL FUEL FILTER The warning light or the symbol switches on fixed while driving to indicate the presence of water in the diesel filter. The presence of water in diesel fuel can cause severe engine damage. Please read the following warning carefully. More information on fuel quality can be found in the "Refuelling" table in the "Technical Specifications" section. 22)

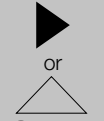
	What it means
 amber	POSSIBLE ICE ON ROAD The symbol turns on when the external temperature falls to or below 3°C. WARNING In the event of external temperature sensor failure, the digits that indicate the value are replaced by dashes.
 amber	FIAT CODE SYSTEM FAILURE The symbol switches on to indicate a failure of the Fiat CODE system. Go to a Dealership as soon as possible.
 amber	SPEED LIMITER FAILURE The symbol switches on to indicate a failure of the Speed Limiter system. Go to a Dealership as soon as possible.
 amber	LANE DEPARTURE WARNING SYSTEM FAILURE The symbol is displayed for a few seconds when starting the engine. If no faults are present, the symbol goes out. The symbol switches on to indicate a failure of the Lane Departure Warning system. Go to a Dealership as soon as possible.
 amber	DUSK SENSOR FAILURE (for versions/markets, where provided) The symbol switches on in the case of failure of the dusk sensor. Go to a Dealership as soon as possible.
 amber / red	PARK ASSIST SYSTEM FAILURE The yellow symbol comes on in the event of a temporary Park Assist system failure. If the problem is still present after cleaning the parking sensor area, contact a Dealership. The red symbol comes on in the event of a permanent Park Assist system failure. The failed operation of the system might be due to the insufficient voltage from the battery or temporary interference or other failures on the electrical system. Contact a Dealership as soon as possible.
 amber	OVERHEATING BRAKES The symbol lights up when the brakes overheat due to continuous use. Persistent use of the brakes can lead to problems with the brake system.

	What it means
 amber (electric versions excluded)	ENGINE OIL LEVEL SENSOR FAILURE The symbol switches on in the event of engine oil level sensor failure.
 amber	AUTOMATIC TRANSMISSION FLUID OVERHEATING The symbol switches on in the case of transmission overheating, after a particularly demanding use. In this case an engine performance limitation is carried out. With engine off or at idle speed, wait until the symbol switches off.
 amber	BLIND SPOT ASSIST (BSA) SYSTEM FAILURE The symbol comes on in the event of a Blind Spot Assist system failure. Go to a Dealership as soon as possible.
 amber	FORWARD CROSSING ALERT FAILURE (for versions/markets, where provided) The symbol lights up if a failure is detected in the Forward Crossing Alert system. Contact a Dealership.
 amber	BLIND SPOT INFORMATION SYSTEM (for versions/markets, where provided) The symbol lights up if a failure is detected in the Blind Spot Information System. Contact a Dealership.
 amber	TRAFFIC SIGN RECOGNITION SYSTEM FAILURE (where provided) The symbol is displayed for a few seconds when starting the engine. If no faults are present, the symbol goes out. The symbol comes on in the event of a Traffic Sign Recognition system failure. Go to a Dealership as soon as possible.
 amber	ADAPTIVE CRUISE CONTROL (ACC) (where provided) The symbol lights up to indicate a failure of the Adaptive Cruise Control (ACC) failure. Go to a Dealership as soon as possible.

	What it means
 (according to the versions) amber	SCHEDULED SERVICING (SERVICE) The “Service Schedule” provides for the maintenance of the vehicle at predetermined intervals. When the next scheduled service of the vehicle is approaching, the symbol will be displayed, followed by the number of kilometres/miles or days (where provided) left, when the ignition device is turned to MAR. This is displayed automatically, with ignition device at MAR, 2000 km before servicing or, where provided, 30 days before servicing. It is also displayed each time the ignition device is turned to MAR. The display will be in km or miles depending on the unit of measurement set. Go to a Dealership, where the "Scheduled Servicing Plan" work will be performed and the message will be reset.
 amber	CLUTCH PEDAL The symbol lights up to indicate the need to press the clutch pedal to allow the engine to start for versions fitted with a manual transmission.
 amber (electric versions excluded)	DPF CLEANING (particulate trap) in progress (diesel versions with DPF only) The symbol switches on constantly to indicate that the DPF system needs to eliminate the trapped pollutants (particulate) through the regeneration process. **The symbol stays off during the entire DPF regeneration and lights up only when driving conditions require the driver to be notified**. The symbol does not switch on during every DPF regeneration, but only when driving conditions require that the driver is notified. To turn off the symbol, keep vehicle in motion until the regeneration process is over. The process normally takes about 15 minutes. Optimum conditions for completing the process are achieved by travelling at 60 km/h with engine revs above 2000 rpm. When this symbol switches on, it does not indicate a defect of the vehicle and thus it should not be taken to a workshop. **WARNING Failure to follow the procedure provided for when the symbol comes on for a mileage equal to or greater than 30 km or for a cumulative time equal to or greater than 2 hours, may result in the warning light coming on with consequent damage to the DPF device. Remember that if the warning light is on, it is necessary to go to a Dealership to restore the correct function of the DPF.**
 amber	AUTOMATIC HIGH BEAM HEADLIGHTS FAILURE The symbol switches on to report a failure of the automatic high beam headlights. Go to a Dealership as soon as possible.

	What it means
 amber	HILL DESCENT CONTROL (where provided) The symbol appears to indicate that the Hill Holder system has intervened.
 amber (electric versions excluded)	DEGRADED ENGINE OIL (where provided) The symbol is shown on the display. The symbol is displayed for 3 minute cycles and intervals of 5 seconds until oil is changed. The symbol is displayed until the problem is solved. WARNING After the first indication, each time the engine is started the symbol will continue to switch on as described above until the oil is changed. If the symbol flashes, this does not mean that there is a defect on the vehicle, rather it simply reports that it is now necessary to change the oil as a result of regular use of the vehicle. The deterioration of engine oil is accelerated by using the vehicle for short drives, preventing the engine from reaching operating temperature. Contact a Dealership as soon as possible. **23) 24)**
 amber	TRAILER LENGTH (“AUTO” SETTING) The symbol lights up to show the trailer length, set via the "Blind Spot" function in the Setup Menu of the display. The length can be: 3 metres, or 6 metres, or 9 metres(or 10 ft, 20 ft, 30 ft depending on the selected unit of measure).
 amber	MAXIMUM TRAILER LENGTH The symbol lights up to indicate the maximum length (greater than 9 metres) of the trailer, set using the "Blind Spot" function in the Setup Menu of the display.
 amber	AUTOMATIC TRAILER LENGTH The symbol lights up to show the automatic trailer length, set via the "Blind Spot" function in the Setup Menu of the display.
 amber	FUEL CUT-OFF CIRCUIT BREAKER OF THE ADDITIONAL HEATER TRIPPED (where provided) The symbol turns on to indicate that the fuel cut-off circuit breaker of the additional heater has tripped. See the information in the "In an emergency" section of the "Fuel cut-off circuit breaker of the additional heater" chapter.

	What it means
 yellow (for electric versions)	PERFORMANCE LIMITATION ("TURTLE" MODE) The symbol comes on when the high-voltage battery charge level is lower than downwards or when other situations occur that require the performance of the vehicle to be limited. In this case, the vehicle is in "Turtle" mode and its performance is limited. Contact a Dealership immediately if the symbol remains lit with a charged high-voltage battery.
 red	GENERIC FAILURE WARNING (where provided) The symbol lights up in the following circumstances: ❒ if the fuel cut-off inertia switch is activated; ❒ light failure (rear fog lamps, direction indicators, brake lights, number plate light, side lights, daytime running lights, automatic high beam headlights, trailer direction indicators, trailer side lights). The fault relating to these lights could be: one or more blown bulbs, a blown protection fuse or a break in the electrical connection; ❒ airbag warning light failure (generic failure warning light flashing). In this case, the warning light (or symbol) may not indicate any faults with the restraint systems. Before continuing contact a Dealership to have the system checked immediately. ❒ rain sensor failure / trailer connection failure / sound system failure / parking sensors failure. In these cases, contact a Dealership as soon as possible to have the fault fixed.
 white/grey	ELECTRONIC CRUISE CONTROL The grey symbol lights up when Cruise Control is engaged but not yet active. The white symbol lights up when Cruise Control is engaged and active.
 white/grey	ADAPTIVE CRUISE CONTROL (ACC) The grey symbol lights up when Adaptive Cruise Control (ACC) is engaged but not yet active. The white symbol lights up when Adaptive Cruise Control (ACC) is engaged and active.
LIM white/grey	SPEED LIMITER The grey symbol lights up when the Speed Limiter is engaged but not yet active. The white symbol lights up when the Speed Limiter is engaged and active.
 white/green	START&STOP SYSTEM ACTIVATION (for versions/markets, where provided) The symbol lights up white or green (according to the versions) when the Start&Stop system intervenes (engine shutdown). Restarting the engine, the warning light switches off.

	What it means
 white	HEADLIGHT HEIGHT The symbol indicates the height of the dipped beam headlights, set to four levels (0-4) using buttons and .
 white	SINGLE GEAR SHIFT INDICATION (SHIFTING UP) This symbol appears to suggest engaging a higher gear (upshifting). NOTE The symbol graphics will vary according to the type of display fitted on your vehicle.
 white	SINGLE GEAR SHIFT INDICATION (SHIFTING DOWN) The symbol appears to suggest engaging a lower gear (downshifting). NOTE The symbol graphics will vary according to the type of display fitted on your vehicle.
 white	DOUBLE GEAR SHIFT INDICATION (SHIFTING UP) This symbol appears to suggest shifting two gears up (upshifting). NOTE The symbol graphics will vary according to the type of display fitted on your vehicle.
 white	DOUBLE GEAR SHIFT INDICATION (SHIFTING DOWN) The symbol appears to suggest shifting down two gears (downshifting). NOTE The symbol graphics will vary according to the type of display fitted on your vehicle.

	What it means
 white	HILL DESCENT CONTROL (where provided) *System enabling:* turning on of the symbol with a fixed light. *System activation failed*: LED on the button in the central tunnel comes on (see the description in the "Safety" section of the "Active Safety Systems" chapter).
 white / red	SPEED LIMIT EXCEEDED The symbol turns on when the speed limit (e.g. 120 km/h) set through the display from Menu is exceeded (the inner value updates according to the set speed). In markets where provided, the speed limit is fixed and cannot be set from the Menu.
 white	TRAILER TOWING FAILURE The symbol switches on to report a failure of the trailer system. Go to a Dealership as soon as possible.
ECO white	"DRIVE MODE" FUNCTION (versions with manual transmission) The message appears on the display if the "ECO" function is activated.
ECO or **PWR** (for electric versions)	"DRIVE MODE" FUNCTION The messages are shown on the display when the "ECO" or "POWER" function is activated.
 red (for electric versions)	PERFORMANCE LIMITATION ("TURTLE" MODE) The symbol comes on when the high-voltage battery charge level is lower than 5% or when other situations occur that require the performance of the vehicle to be limited. In this case, the vehicle is in "Turtle" mode and its performance is limited, with the maximum speed limited to 50km/h. Contact a Dealership immediately if the symbol remains lit with a charged high-voltage battery.
 green (for electric versions)	ELECTRIC MOTOR FAILURE The symbol comes on when the ignition device is brought to MAR, but it should switch off after a few seconds. The symbol comes on flashing, along with a dedicated message on the display and an acoustic warning, to indicate a fault or failure concerning the electric motor. If the symbol stays on, contact a Dealership immediately.

	What it means
 red (for electric versions)	VEHICLE CHARGING PROCEDURE FAILURE This symbol is shown on the instrument panel display, with the vehicle stationary, in the case of a fault during the high-voltage battery charging procedure. ❒ **failures in the charging system**, in this case disconnect and then reconnect the charging cable to the charging port or, in the case of charging at a public charging station, look for another power supply point. If the symbol remains on, contact a Dealership. ❒ **failures in the public charging station** (because it may have been deactivated or there may be a failure). We recommend that you try charging your vehicle at another public charging station. If the symbol remains on, contact a Dealership.
 green (for electric versions)	VEHICLE CHARGING The symbol appears when the vehicle is connected to the charging station.
 red (for electric versions)	ELECTRIC SYSTEM FAILURE The symbol switches on in the case of failure of the electric traction system. In this situation, a drop in vehicle performance is possible. Contact a Dealership
 (for electric versions)	HIGH-VOLTAGE BATTERY DISCONNECTED The symbol lights up to indicate that the high-voltage battery is disconnected from the system. Contact a Dealership
 green (for electric versions)	ECOASTING ENABLED AND ENGAGED The symbol indicates that the eCoasting function is enabled and engaged. The number indicates the regeneration level.
 white (for electric versions)	ECOASTING ENABLED BUT NOT ENGAGED The symbol indicates that the eCoasting function is enabled but not engaged. The number indicates the regeneration level.

	What it means
 yellow (for electric versions)	ECOASTING FAILURE The symbol indicates that the eCoasting function has failed. Contact a Dealership.
 (for electric versions)	PEDESTRIAN ACOUSTIC SIGNALLING SYSTEM FAILURE This symbol is shown on the instrument panel display in case of failure of the pedestrian acoustic warning.
 light blue (for electric versions)	EXCEEDING THE SPEED LIMIT OF THE SELECTED DRIVING MODE The symbol (in "km/h" or "mph", depending on the display settings) lights up when the speed limit defined by the speed limit related to the driving mode (NORMAL, ECO, POWER) is exceeded.
"DRIVE MODE" function (for electric versions)	The required driving mode (NORMAL, ECO or POWER) is indicated on the instrument panel display.

IMPORTANT

22) *The presence of water in the fuel system circuit may cause severe damage to the injection system and irregular engine operation. If the*  *symbol is displayed contact a Dealership as soon as possible to bleed the system. If the warning appears immediately after refuelling, water has probably entered the tank. In this case, switch the engine off immediately and contact a Dealership.*

23) *Degraded engine oil should be replaced as soon as possible after the warning light*  *comes on, and never more than 500 km after it first comes on. Failure to observe the above may result in severe damage to the engine and invalidate the warranty.* ***Remember that when this warning light comes on, it does not mean that the level of engine oil is low, so if it flashes it does not mean that you need to top up the engine oil****.*

24) *If the warning light flashes when driving, contact a Dealership.*

IMPORTANT

25) *If the symbol switches on while driving, stop the engine immediately and contact a Dealership.*

26) *Driving the vehicle with this symbol on may severely damage the transmission, with resulting breakage. The oil may also overheat: contact with hot engine or with exhaust components at high temperature could cause fires.*

SAFETY

The section that you are about to read is very important: it describes the safety systems with which the vehicle is equipped and provides instructions on how to use them correctly.

ABS

This is an integral part of the braking system, which prevents one or more wheels from locking and slipping regardless of the road surface conditions and braking intensity, ensuring control of the vehicle even during emergency braking.
The system intervenes during braking when the wheels are about to lock, typically in emergency braking or low-grip conditions, when locking may be more frequent.
The ABS ensures the direction of the vehicle while braking and optimises the braking distances at the same time.
The system also improves control and stability of the vehicle when braking on a surface on which the grip of the left and right wheels differs, or when braking while cornering.
The system is completed by EBD (Electronic Braking Force Distribution), which distributes the braking action between the front and rear wheels.

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

⚠ 76)

SYSTEM INTERVENTION

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

⚠ 77) 78) 79) 80) 81) 82) 83)

MSR SYSTEM

(Motor Schleppmoment Regelung)

This is an integral part of the ABS system and prevents the drive wheels from locking, which could happen, for example, if the accelerator pedal is released suddenly or in the case of shifting down suddenly in conditions of poor grip. In these conditions, the engine braking effect could cause the drive wheels to slip, resulting in a loss of vehicle stability. In these situations, the system intervenes, restoring torque to the engine in order to conserve vehicle stability and increase safety.

WARNING

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

77) *When the ABS cuts in and you feel the brake pedal pulsating, do not remove your foot, but keep the pedal pushed down; in doing so you, will stop in the shortest distance possible under the road conditions at the time.*
78) *If the ABS intervenes, this indicates that the grip of the tyres on the road is nearing its limit: you must slow down to a speed compatible with the available grip.*
79) *The ABS cannot overrule the natural laws of physics, and cannot increase the grip available according to the condition of the road.*
80) *The ABS system cannot prevent accidents, including those due to excessive speed on corners, driving on low-grip surfaces or aquaplaning.*
81) *The capability of the ABS must never be tested irresponsibly and dangerously, in such a way as to compromise personal safety and the safety of others.*
82) *For the correct operation of the ABS, the tyres must of necessity be the same make and type on all wheels, in perfect condition and, above all, of the prescribed type and dimensions.*
83) *If the spare wheel (for versions/markets, where provided) is used, the ABS keeps operating. Always remember that the spare wheel, being smaller than the original wheel, provides less grip.*

ESC (Electronic Stability Control) SYSTEM

(for versions/markets, where provided)
The ESC system improves the directional control and stability of the vehicle in various driving conditions.
The ESC system corrects understeer and oversteer, distributing the brake force on the appropriate wheels. The torque supplied by the engine can also be reduced in order to maintain control of the vehicle.
The ESC system uses the sensors in the vehicle to determine the trajectory required by the driver through steering and compares it with the real trajectory of the vehicle.
When the real trajectory deviates from the desired trajectory, the ESC system intervenes to counter understeer or oversteer.
❒ Oversteer: occurs when the vehicle is turning more than it should according to the angle of the steering wheel.
❒ Understeer: occurs when the vehicle is turning less than it should according to the angle of the steering wheel.
The ESC system also includes the following subsystems:
❒ Hill Holder
❒ ASR
❒ HBA
❒ ERM
❒ HDC

⚠ 84) 85) 86)

SYSTEM INTERVENTION

This is signalled by the flashing of the warning light in the instrument panel, to inform the driver that the vehicle is in critical stability and grip conditions.

SYSTEM ACTIVATION

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

HILL HOLDER SYSTEM

This system is an integral part of the ESC system and facilitates starting on slopes.
It is automatically activated in the following conditions:
❒ uphill: vehicle stationary on a road with a gradient higher than 5%, engine running, brake pressed and gear other than reverse engaged;
❒ downhill: vehicle stationary on a road with a gradient higher than 5%, engine running, brake pressed and reverse gear engaged.
When setting off, the ESC system control unit maintains the braking pressure on the wheels until the torque necessary for starting is reached, or in any case for a maximum of 2 seconds, allowing your right foot to be moved easily from the brake pedal to the accelerator.
When the 2 seconds have elapsed, without starting, the system is automatically deactivated, gradually releasing the braking pressure.
During this release stage, the typical mechanical brake release noise indicating that the vehicle is going to move imminently will be heard.

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

ASR TRACTION CONTROL

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

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

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

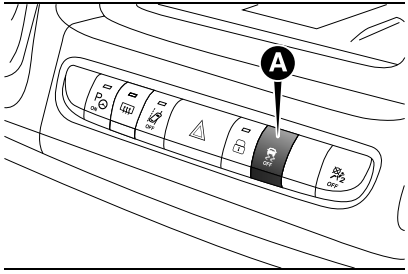
⚠ 87)

Engagement/ disengagement of the ASR system

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

While driving, the ASR can be switched off and subsequently switched on again by pressing the ESC OFF (A) fig. 173 button.

⚠ 88)



173 F1A0709

If the ASR is disengaged during driving, it is automatically reactivated when the vehicle is next started.

When travelling on snowy roads with snow chains, it may be helpful to turn the ASR off: in fact, in these conditions, the driving wheels skidding when moving off gives you better traction.

HBA (Hydraulic Brake Assist) SYSTEM

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

This can reduce the braking distance: the HBA system therefore completes the ABS.

Maximum assistance from the HBA system is obtained pressing the brake pedal very quickly. In addition, the brake pedal must be pressed continuously during braking, avoiding intermittent presses, to benefit from the system.

Do not reduce pressure on the brake pedal until braking is no longer necessary.

The HBA system is deactivated when the brake pedal is released.

⚠ 89) 90) 91)

ERM (ELECTRONIC ROLLOVER MITIGATION) SYSTEM

The system monitors the tendency of the wheels to rise from the ground if the driver performs extreme manoeuvres like quick steering to avoid an obstacle, especially in poor road conditions.

If these conditions occur, the system intervenes on the brakes and engine power to reduce the possibility that the wheels are raised from the ground.

It is not possible to avoid the tendency to roll over if this is due to reasons such as driving on high side gradients, collision with objects or other vehicles.

⚠ 92)

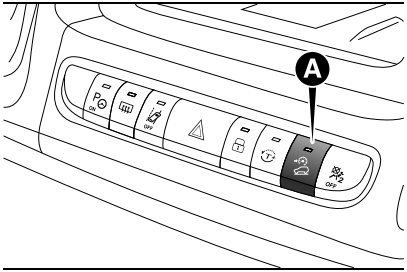
HDC (Hill Descent Control) SYSTEM

It is an integral part of the ESC and is aimed at keeping the vehicle at a constant speed during a descent, operating autonomously on the brakes in various ways at the same time.

In this way the vehicle stability and completely safe driving are guaranteed, above all in poor grip conditions and/or steep descents.

To activate the system, reach a speed slower than 25 km/h and press the corresponding button (A)fig. 174; the

LED on the button turns on and the display shows a dedicated message.



174 F1A0644

After reaching the desired speed, release the accelerator and brake pedals completely (the LED on the button flashes). If you want to increase/decrease the speed, press the accelerator/brake pedals again.

WARNING Do not use the device with the transmission in neutral position.

WARNING It is important to engage a gear suitable for the set speed, to prevent the engine from stalling.

When this function is active the brake lights turn on automatically.
While the HDC system is operating it is also possible to take control of the vehicle again by pressing the brake and accelerator pedals.

If the function is not made available when the button is pressed, this could be due to brake overheating. In this case, wait a few minutes before using the function again.

WARNING The system is available for speeds below 25 km/h.

WARNING On exceeding 25 km/h, the HDC system is disabled and remains ready to operate again (the LED on the button remains on) when the vehicle returns below 25 km/h. If the vehicle speed exceeds 40 km/h, the HDC system turns off completely (the LED on the button turns off) and any autonomous action on the brakes is disabled.

To reactivate it, press the dedicated button again when the speed is again below 25 km/h.

27)

WARNING

84) *The ESC system cannot overrule the natural laws of physics, and can't increase the grip available according to the condition of the road.*
85) *The ESC system cannot prevent accidents, including those due to excessive speed on corners, driving on low-grip surfaces or aquaplaning.*
86) *The capability of the ESC system must never be tested irresponsibly and dangerously, in such a way as to compromise personal safety and the safety of others.*
87) *For the correct operation of the ESC and ASR systems it is vital that the tyres are the same make and the same type on all the wheels, in perfect condition and, above all, the recommended type and size.*
88) *The performance of the ESC and ASR systems must not encourage the driver to take unnecessary risks. Driving style must always be suitable for road conditions, visibility and traffic. The driver is, in any case, responsible for safe driving.*
89) *The HBA system cannot increase tyre grip on the road over the limits imposed by laws of physics: always drive carefully according to the conditions of the road surface.*
90) *The HBA system cannot prevent accidents, including those due to excessive speed on bends, travelling on low-grip surfaces or aquaplaning.*
91) *The HBA system is an aid for the driver, who must always pay full attention while driving. The responsibility always rests with the driver. The features of the HBA system must never be tested in imprudent or dangerous ways, with the possibility of putting the safety of the driver, occupants or other road users at risk.*
92) *The performance of a vehicle with ERM must never be tested in imprudent or dangerous ways, with the possibility*

of putting the safety of the driver or other people at risk.

IMPORTANT

27) *Prolonged use of the system may overheat the braking system. If the brakes overheat, the HDC system, when active, will be gradually deactivated after suitably informing the driver (the LED on the button turns off): it can be reactivated only when the brakes have cooled sufficiently. The distance you can travel depends on the brake temperature and thus on the slope, the load and the vehicle speed.*

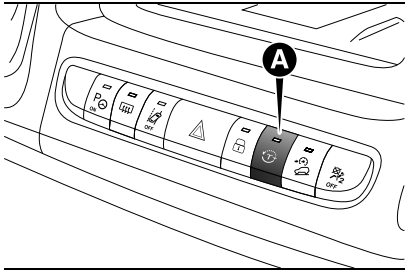
TRACTION PLUS SYSTEM

(for versions/markets, where provided)
Traction Plus is a driving aid, useful for setting off in poor grip conditions on non-homogeneous road surfaces (snow/asphalt, ice/asphalt, mud/asphalt, etc.), which allows the drive force to be distributed adequately on the engine axle when one of the two drive wheels slips.
Traction Plus acts by braking the wheel with poor grip (or the one which slips more than the others), thereby transferring the drive force to those which have greater grip on the ground.
This function can be turned on manually by pressing the (A) button fig. 175 on the dashboard and works below a level of 50 km/h. Over this speed, it is automatically deactivated (the LED on the button is still on) and it is reactivated again when the speed is below 30 km/h.

⚠ 93) 94)

TRACTION PLUS OPERATION

When the engine is started the system is disabled.
To activate the "Traction Plus" system, press the button (A) fig. 175: the LED on the button switches on.



175 F1A0645

The activation of the Traction Plus system involves the following functions being switched on:
❒ inhibition of the ASR function, in order to fully exploit the engine torque;
❒ the differential locking effect on the front axle, through the braking system, to improve traction on irregular grounds.

If the "Traction Plus" system is faulty, the "general failure" instrument panel warning light comes on steady.
When travelling on snowy roads with snow chains, it may be helpful to turn the Traction Plus on and thus inhibiting the ASR function: in fact, in these conditions, slipping of the drive wheels when moving off makes it possible to obtain better traction.

WARNING

93) *The Traction Plus system acts effectively only on road surfaces that are not homogeneous and/or differentiated between the two drive wheels.*
94) *Until the setting off manoeuvre is terminated, fully depress the accelerator pedal in order to transfer all the drive torque to the wheel with the best grip.*

DRIVING ASSISTANCE SYSTEMS

28) 29) 30)

The vehicle may be fitted with the following driving assistance systems:

- BSA (Blind Spot Assist with Trailer Detection)
- Attention Assist
- iTPMS (indirect Tyre Pressure Monitoring System)
- AEB Control (Autonomous Emergency Brake Control)
- Lane Control
- Forward Crossing Alert
- Blind Spot Information System
- Cross Wind Assist (CWA)

For the operation of the systems, refer to the following pages.

IMPORTANT

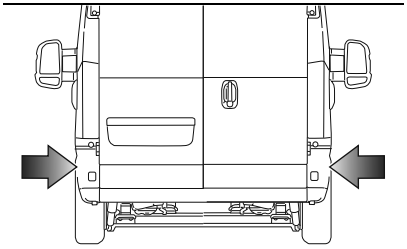
28) *The operation of the radars, along with any associated functions, could be affected by dirt accumulation (e.g. mud, ice), in poor weather conditions (e.g. heavy rain, snow) or if bumpers are damaged. If the front bumper needs to be repainted, contact a Dealership. Some types of paint may interfere with radar operation.*

29) *The camera and its associated functions may be impaired or may not function if the windscreen area in front of the camera is dirty, fogged, frozen, covered with snow, damaged or hidden by a sticker. Regularly demist the windscreen in cold and wet weather conditions. Poor visibility (inadequate road illumination, heavy rain, dense fog, falling snow), glare (headlights of an oncoming vehicle, low sun, reflections on a wet road, exiting a tunnel, alternating shadow and light) can also impair detection performance. If the windscreen is replaced, contact a Dealership to recalibrate the camera. Otherwise, operation of the associated driving assistance systems may be interrupted.*

30) *Images from the cameras displayed on the touchscreen or instrument panel may be distorted by the terrain. In the presence of shadowy areas or under bright sunlight or inadequate lighting, the image may appear dark and with lower contrast. Obstacles may seem further away than they actually are.*

BSA (Blind Spot Assist with Trailer Detection) SYSTEM

The vehicle can be equipped with the BSA (Blind Spot Assist with Trailer Detection) system for blind spot monitoring. The BSA system uses two radar sensors, located in the rear side bumper (one on each side) fig. 176, to detect the presence of vehicles (cars, trucks, etc.) in blind spots in the rear side zone of the vehicle, while driving on the road and while reversing (RCP functionality).



176 F1A0480

The system warns the driver about the presence of vehicles in the detection area by lighting up, on the relevant side, the warning light located on the door mirror, along with an acoustic warning. When the vehicle is started the warning light turns on to signal the driver that the system is active.

Sensors

The sensors are activated when any forward gear is engaged at a speed higher than about 10 km/h, or when reverse is engaged.

The sensors are temporarily deactivated with vehicle at a standstill and the gear lever in position P (Park) (versions with automatic transmission), or with vehicle at a standstill and parking brake engaged (versions with manual transmission).

In no trailers are connected, the detection area of the system covers

about a lane on both sides of the vehicle (approx. 3 metres).
Such zone begins near the centre pillar of the vehicle and extends up to 6 metres from the rear of the vehicle.
When the sensors are active the system monitors the detection areas on both sides of the vehicle and warns the driver about the possible presence of cars in these areas.
While driving the system monitors the detection area from three different input points (side, rear and front) to check whether a signal needs to be sent to the driver.

WARNINGS

❒ The system does not signal the presence of fixed object (e.g. safety barriers, poles, walls, etc.). However, in some circumstances, the system may activate in the presence of these objects. This is normal and does not indicate a system malfunction.

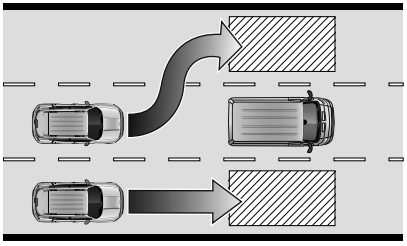
❒ The system does not warn the driver about the presence of vehicles coming from the opposite direction, in the adjacent lanes.

❒ For the system to operate correctly, the side rear bumper area fig. 176 where the radar sensors are located must stay free from snow, ice and dirt gathered from the road surface.

❒ Do not cover the side rear bumper area fig. 176 where the radar sensors are located with any object (e.g. adhesives, bike rack, etc.).

Rear view

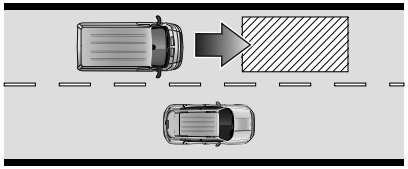
The system detects vehicles coming from the rear part of the vehicle on both sides and entering the rear detection area fig. 177 with a difference in speed of less than 50 km/h with respect to your vehicle.



177 F1A0482

Overtaking vehicles

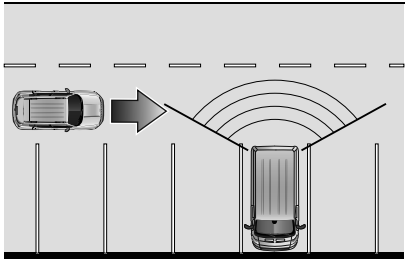
If another vehicle is overtaken slowly fig. 178 (with a difference in speed of less than about 25 km/h), the warning light on the door mirror of the corresponding side lights up.
If the difference in speed between the two vehicles is greater than about 25 km/h, the warning light does not light up.



178 F1A0481

RCP (Rear Cross Path detection) function

This system helps the driver during reverse manoeuvres.
The RCP system detects objects moving towards both rear sides of the vehicle at a speed of between 5 km/h and 60 km/h, as is generally the case in parking lots fig. 179.



179 F1A0484

The system activation is signalled to the driver by means of a visual and acoustic warning.

WARNING If the detection field of sensors are covered by objects or vehicles, the system will not warn the driver.

BSA operation method

The system can be activated/deactivated by operating on the display Menu, or via the **Uconnect™** system (for further information see the dedicated supplement).

To turn the system on/off using the display menu, access the Setup Menu by pressing the MODE button on the dashboard and scroll through the list of settings using the ▲ or ▼ buttons. Select "Blind Spot". The available methods are:

- OFF
- DISPLAY
- SOUND & DISPLAY

Blind Spot Assist "Visual" mode

When this mode is active, the BSA system sends a visual warning to the respective door mirror on the side of the detected obstacle.

However, when the RCP function is on, the system produces acoustic and visual warnings when an object is detected.

When an acoustic warning is sent, the volume of the radio is lowered.

Blind Spot Assist "Sound & Display" mode

When this mode is active, the BSA system sends a visual warning to the respective door mirror on the side of the detected obstacle.

If the direction indicator on the side where an obstacle has been detected is activated, an acoustic warning is emitted as well.

The volume of the radio is not turned down.

During "RCP" operating mode, the system emits acoustic and visual indications if the presence of an object is detected. When an acoustic warning is sent the volume of the radio is also turned down.

"Blind Spot Assist" system deactivation

When the system is deactivated ("Blind Spot" function set to "OFF" on the instrument panel), the BSA or RCP systems will not emit either acoustic nor visual warnings.

The BSA system will store the operating mode running when the engine was stopped. Each time the car is started the previously stored mode will be recalled and used.

⚠ 95)

Trailer Detection

The system can detect the presence and length of a trailer and extend the blind spot warning zone to the length of the trailer.

After the system detects the presence of a trailer and the speed exceeds 10 km/h, a notification is sent to driver.

If a trailer is detected, the Rear Cross Path function is deactivated.

The "Blind Spot" function on the display Setup Menu can be used to set the mode for detecting the trailer length.

According to the set trailer length detection mode, the corresponding icon will be displayed:

- Max with the "Max" setting selected. The warning zone is set to the maximum expected length (greater than 9 metres);
- 3m, 6m or 9m with the "Auto" setting selected. The system will show an icon corresponding to the automatically detected length (3 m, 6 m, 9 m). In this case, it may be necessary to travel at least a curve with a 90-degree rotation to let the system detect the length of the trailer. Once the length has been determined, the icon corresponding to the length measured in metres or feet will be

displayed depending on the selected unit of measurement.
If the trailer exceeds a length of 9 m, the system displays the icon corresponding to the maximum length.
If the vehicle is stationary for more than 120 seconds, the system detects the trailer again:
❒ if the trailer is no longer detected, the icon indicating the presence and length of the trailer disappears;
❒ when set to "Auto", if a new trailer is detected as present, with the same length as the previous one (with an error of 1 m), the length icon remains unchanged;
❒ When set to "Auto", if a new trailer is detected as present, with a different length from the previous one, the length icon is updated.

WARNING

95) *The system is an aid for driving the vehicle, it DOES NOT warn the driver about incoming vehicles outside of the detection areas. The driver must always maintain a sufficient level of attention to the traffic and road conditions and for controlling the trajectory of the vehicle.*

ATTENTION ASSIST SYSTEM

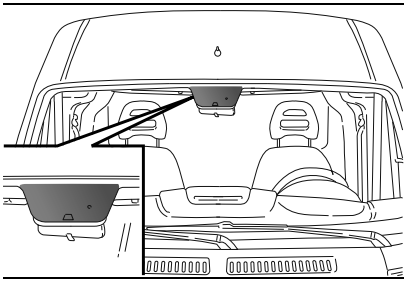
(where provided)
This is an auxiliary driving assistance system that detects when the driver is tired.

ACTIVATION / DEACTIVATION

The Attention Assist system is automatically active when the vehicle is started.
The system is always activate and the alerts can be deactivated in the "Settings" menu of the **Uconnect™** system (see "Settings" in the"Vehicle mode" paragraph in the "Multimedia" section) or via the instrument panel (see "Settings" in the "Display" chapter in the "Knowing the instrument panel" section).

SYSTEM INTERVENTION

The system intervenes if the camera in the middle of the windscreen fig. 180 detects that the driver is tired, based on variations of vehicle trajectory and getting too close to the side of the road.



180 F1A0998

The (red) symbol appears on the instrument panel display with a dedicated message suggesting the driver to stop and take a break. An acoustic warning is also emitted.
❒ If the driver **accepts** the suggestion provided by the system and stops for a pause, by pressing the OK button on the left side of the steering wheel, the message will disappear from the display and the symbol will be displayed in the dedicated area of the instrument panel display up to the next time the engine is started/stopped.
❒ If the driver **ignores** the warning provided by the system and does not stop, the message will remain on the instrument panel display until the **OK** button located on the left hand side controls of the steering wheel is pressed. The symbol , will remain

displayed in the dedicated area of the instrument panel display.
IMPORTANT In the event of a system fault, the amber symbol appears on the instrument panel along with a dedicated message on the display.

iTPMS (indirect Tyre Pressure Monitoring System)

⚠ 96) 97) 98) 99) 100) 101)

Description

The vehicle can be equipped with the iTPMS (indirect Tyre Pressure Monitoring System) which monitors the tyre inflation status by means of wheel speed sensors.

Correct tyre pressure

If no under-inflated tyres are detected, the outline of the vehicle will be shown on the display.

Low tyre pressure

The system warns the driver if one or more tyres are flat by turning on the (!) warning light on the instrument panel together with an acoustic warning.
This warning is displayed also when turning the engine off and on again until the RESET procedure is carried out.

Reset procedure

The iTPMS needs an initial "self-learning" phase (with length depending on the driving style and road conditions: optimal conditions being driving on a straight road at 80 km/h for at least 20 minutes) which starts when the RESET procedure is carried out manually.
The RESET procedure must be carried out:

- each time tyre pressure is modified
- when even only one tyre is changed
- when tyres are rotated/inverted
- when the space-saver wheel is fitted

Before carrying out the RESET procedure, inflate the tyres to the rated pressure values specified in the inflation pressure table (see "Wheels" paragraph in the "Technical Specifications" chapter).
If the RESET is not carried out, in all above cases, the (!) warning light may give false indications on one or more tyres.
To carry out the RESET procedure, with the vehicle stopped and the ignition device at MAR, use the Main Menu as follows:

- go to "Vehicle info" and then to "Reset tyre pressure"
- press the "OK" and hold down (more than 2 seconds)
- the display will show the procedure progress (with a graphic bar) until the RESET is completed

When the RESET procedure is completed, an acoustic warning is sent. If the self-learning procedure of the iTPMS system has not been carried out correctly, you will not hear any acoustic warning.

Operating conditions

The system is active for speeds above 15 km/h.
In a few situations such as sporty driving, particular conditions of the road surface (e.g. icy, snowy, unsurfaced roads) the signalling may be delayed or partial in detecting the contemporary deflation of more than one tyre.
Under special conditions (e.g. vehicle loaded asymmetrically on one side, towing a trailer, damaged or worn tyre, fitting the space-saver wheel, use of the TireKit, fitting snow chains, fitting different tyres on the axles) the system may give false indications or be temporarily deactivated.
If the system is temporarily deactivated the (!) warning light flashes for about 75 seconds and then is continuously on; at the same time, the display shows the shape of the vehicle with the symbols "– –" next to each tyre.
This warning is displayed also after the engine has been switched off and then on again if the correct operating conditions are not restored.
In the case of abnormal signals, it is recommended to perform the RESET procedure. If the indications appear again after a successful RESET, check

that the tyres used on all four wheels are the same and that the tyres are not damaged. As soon as possible, refit the standard tyre instead of the space-saver wheel, remove the snow chains, if possible, check correct load distribution and repeat the RESET procedure by driving on a clean, paved road surface. If the indications persist, contact a Dealership.

WARNING

96) *If the iTPMS system signals a pressure drop on the tyres, it is recommended to check the pressure on all four tyres.*
97) *The iTPMS does not relieve the driver from the obligation to check the tyre pressure every month; it is not even to be considered a replacement system for maintenance or a safety system.*
98) *Tyre pressure must be checked with tyres cold. Should it become necessary for whatever reason to check pressure with warm tyres, do not reduce pressure even though it is higher than the prescribed value, but repeat the check when tyres are cold.*
99) *The iTPMS cannot indicate sudden tyre pressure drops (for example when a tyre bursts). In this case, stop the vehicle, braking with caution and avoiding abrupt steering.*
100) *The system only warns that the tyre pressure is low: it is not able to inflate them.*

101) *Insufficient tyre inflation increases fuel consumption, reduces the tread duration and may affect your ability to drive the vehicle safely.*

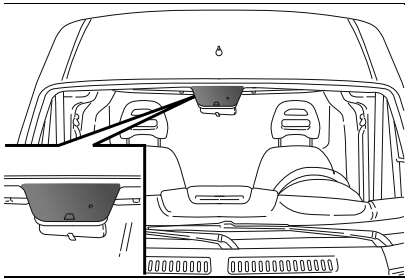
AUTONOMOUS EMERGENCY BRAKE CONTROL SYSTEM (AEB Control)

(where provided)

⚠ 102) 103) 104) 105) 106)

31) 32) 33) 34) 35)

This is a driving assistance system consisting of a camera mounted in the middle of the windscreen fig. 181 capable of intervening in case of vehicles, cyclists and pedestrians.
In the event of an imminent collision the system intervenes by automatically braking the vehicle to prevent the impact or reduce its effects.



181 F1A0998

The system provides the driver with audible and visual signals through specific messages on the instrument panel display.
The warnings are intended to allow the driver to react promptly, in order to prevent or reduce the effects of a potential accident.
In situations with the risk of collision, if the system detects no intervention by the driver, it provides automatic braking to help slow the vehicle and mitigate the potential frontal accident (automatic braking).
If intervention by the driver on of the brake pedal is detected but not deemed sufficient, the system may intervene in order to improve the reaction of the braking system, therefore reducing vehicle speed further (additional assistance in braking stage).
The system will not intervene if the driver takes control of the vehicle and is recognised as being aware of the situation and possible collision.
The vehicle is equipped with the "creeping" function. It may therefore restart a few seconds after the automatic stop in the case of vehicles with automatic transmission.
If braking brings the vehicle to a stop the engine may stall on vehicles with manual transmission.

WARNING After the vehicle is stopped, the brake callipers may be locked for

about 2 seconds for safety reasons. Make sure you press the brake pedal if the vehicle moves slightly forwards.

Engagement / disengagement

The Autonomous Emergency Brake Control can be deactivated (and then switched back on again) using the **Uconnect™** system (see "Settings" in the"Vehicle mode" paragraph in the "Multimedia" section), or using the instrument panel (see "Settings" in the "Display" chapter in the "Knowing the instrument panel" section).

The system can be turned off even with the ignition device in MAR position.

The system can be set to two activation levels:

❒ *System active:* the system (if active), in addition to the visual and acoustic warnings, provides automatic braking and additional assistance in braking stage, where the driver does not brake sufficiently in the event of a potential frontal impact;

❒ *System deactivated*: the system does not give visual and acoustic warnings, limited braking, automatic braking or additional assistance during braking. The system will therefore provide no indication of a possible accident.

Activation / deactivation

If Autonomous Emergency Brake Control has been correctly activated, it will be active each time the engine is started.

The system is deactivated if this is selected on the instrument panel or **Uconnect™** system menu.

Following a deactivation, the system will not warn the driver about the possible accident with the preceding vehicle, regardless of the setting selected.

The system activation status will not be kept in the memory when the engine is switched off: if the system is deactivated when the engine is switched off, it will be active when it its next started.

After a deactivation, the system can be reactivated from the **Uconnect™** system or instrument panel menu.

The function is not active at speed below 5 km/h.

The system is only active if:

❒ it has been activated correctly;

❒ it has not been deactivated using the instrument panel or **Uconnect™** system menu;

❒ the ignition device is at MAR;

❒ the vehicle speed is greater than 5 km/h.

Changing the system sensitivity

The sensitivity of the system can be changed through the **Uconnect™** system or instrument panel menu, choosing from one of the following three options: "Near", "Med" or "Far". See the description in the "Multimedia" section for how to change the settings. The default option is "Near". With this setting, the system warns the driver of a possible collision with the vehicle in front when that vehicle is at a standard distance, between that of the other two settings. This setting offers the driver reaction time longer than that of the "Near" setting but shorter than that of the "Far" setting in the event of a potential accident.

By setting system sensitivity to "Near", the system warns the driver of a possible accident with the vehicle in front when that vehicle is a short distance away.

With the system sensitivity set to "Far", the system will warn the driver of a possible collision with the vehicle in front when that vehicle is at a greater distance, thus providing the possibility of acting on the brakes more lightly and gradually. This setting provides the drivers with the maximum possible reaction time to prevent a potential accident.

The system sensitivity setting is kept in the memory when the engine is switched off.

Function temporarily not available warning

If the deactivation warning light comes on together with the failure warning lights without having intentionally deactivated the system, a condition temporarily disabling operation of the system may have occurred. The main possible causes of this deactivation may be the obstruction of the camera or temporary blinding may be weather-related (heavy rain, fog, sun low down on the horizon, etc.). In the event of an obstruction, clean the zone of the windscreen indicated at fig. 181 and check that the system is deactivated and failure lights have disappeared. Although the vehicle can still be driven in normal conditions, the system may be temporarily not available.

When the conditions limiting the system functions end, this will go back to normal and complete operation. Should the fault persist, contact a Dealership.

System Fault Message

If the system switches off and a dedicated message is shown on the display, it means that there is a fault on the system.

In this case, it is still possible to drive the vehicle, but you are advised to contact a Dealership as soon as possible.

Driving in special conditions

In certain driving conditions, such as, for example:

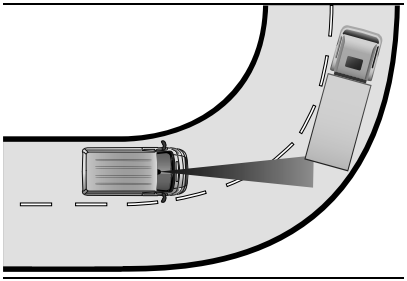
- ❒ driving close to a bend;
- ❒ vehicles with small dimensions and/or not aligned in the driving lane;
- ❒ lane change by other vehicles;
- ❒ vehicles travelling at right angles to the vehicle.

System intervention might be unexpected or delayed. The driver must therefore be very careful, keeping control of the vehicle to drive in complete safety.

WARNING In particularly complex traffic conditions, the driver can deactivate the system manually through the **Uconnect™** system or the instrument panel.

Driving close to a bend

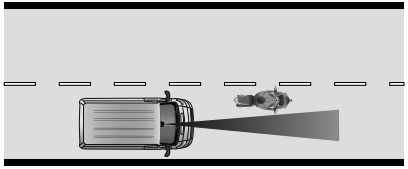
When entering or leaving a wide bend, the system may detect a vehicle that is in front of you, but that is not driving in the same lane fig. 182. In cases such as these, the system may intervene.



182 F1A0997

Vehicles with small dimensions and/or not aligned in the driving lane

The system cannot detect vehicles in front of you but outside the camera's field of vision and may therefore not react in the presence of small vehicles, such as motorbikes. fig. 183.



183 F1A0996

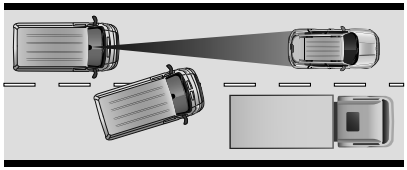
Pedestrian/cyclist detection

While driving, when there is a risk of collision with a pedestrian or cyclist, the

system will display the relevant warning message indicating the direction of obstacle detection and, if necessary, apply the brakes.

Lane change by other vehicles

Vehicles suddenly changing lane, entering the same lane as your vehicle and this moving into the camera's field of vision, may cause the system to intervene fig. 184.



184 F1A0995

Important notes

The system has not been designed to prevent impacts and cannot detect possible conditions leading to an accident in advance. Failure to take into account this warning may lead to serious or fatal injuries.

In case of complex scenarios, unexpected or unnecessary warnings or braking may occur.

WARNING

102) *The system is an aid for the driver, who must always pay full attention while driving. The responsibility always rests with the driver, who must take into account the traffic conditions in order to drive in complete safety. The driver must always maintain a safe distance from the vehicle in front.*

103) *The capability of the Autonomous Emergency Brake Control system must never be tested irresponsibly or dangerously, in such a way as to compromise personal safety and the safety of others.*

104) *If the driver presses the accelerator pedal fully or steers abruptly during system operation, the automatic braking function may stop (e.g. to allow a possible manoeuvre to avoid the obstacle).*

105) *The system intervenes on vehicles, pedestrians and cyclists travelling in the same lane. Animals and things (e.g. pushchairs) are not taken into consideration.*

106) *If the vehicle must be placed on a roller bench for maintenance or if it is washed in an automatic car wash with an obstacle in the front part (e.g. another vehicle, a wall or another obstacle), the system may detect its presence and activate. Therefore, in this case the system must be deactivated.*

IMPORTANT

31) *The system may have limited operation or not work at all in weather conditions such as, low sun, heavy rain, hail, thick fog, heavy snow.*

32) *System intervention might be unexpected or delayed when other vehicles transport loads projecting from the side, above or from the rear, with respect to the normal size of the vehicle.*

33) *Operation can be adversely affected by any structural change made to the vehicle, such as a modification to the front geometry, tyre change, or a heavier than standard load of the vehicle.*

34) *Incorrect repairs in the zone where the camera is mounted may interfere with its field of vision and reduce its performance (e.g. application of fillers or glues to remove scratches). Go to a Dealership for any operation of this type.*

35) *Do not tamper with nor operate on the camera on the windscreen. In the event of a sensor failure, contact a Dealership.*

LANE CONTROL SYSTEM

DESCRIPTION

The Lane Control makes use of a camera located on the windscreen to detect the lane limits and calculate the position of the vehicle within such limits to make sure that it remains inside the lane.

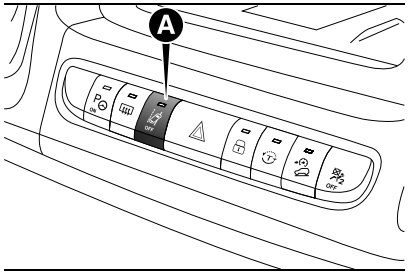
When the one of the lane lines is detected and the vehicle crosses it without the awareness of the driver

(direction indicator off), the Lane Control system provides a visual alert on the instrument panel, a haptic alert in the form of vibration to the steering wheel and applies torque applied to the steering wheel when the lane limit is approached, thus advising the driver that action must be taken to remain in the lane.

WARNING The torque applied on the steering wheel by the system is comfortably countered by the driver, who is always in control of the vehicle. The driver can therefore turn the steering wheel as required at all times.

SYSTEM ON/OFF

When the vehicle is started the system is disabled.
To disengage the system press button (A) fig. 185.
On some versions, a specific message indicating disabling is shown on the display.



185 F1A0646

Activation conditions

Once switched on, the system becomes active only if the following conditions are met:
❒ the driver always keeps at least one hand on the steering wheel;
❒ The vehicle speed higher than 60 km/h;
❒ the lane is delimited at least on one side;
❒ there are suitable visibility conditions;
❒ the road is straight or with wide radius bends;
❒ the direction indicator (lane departure) is not activated in the same lane departure direction as the vehicle.

WARNING The system does not apply torque to the steering wheel every time a safety system is activated (brakes, ABS, ASR system, ESC system, Forward Collision Warning Plus system, etc.).

SYMBOLS AND MESSAGES ON THE DISPLAY

The Lane Control system also warns the driver when the vehicle strays out of lane by displaying symbols on the instrument panel display.

Versions with analogue display

When the system is active and the lane limits have not been detected, the symbol is fixed and white.

Versions with reconfigurable multifunction display

When the system is active and the lane limits have not been detected, the lane lines are grey and a dedicated icon is shown in the dedicated top area of the display.

Exiting a lane with detection of a single limit

When the system is active and only, for example, the left lane limit has been detected, a vehicle icon is shown in the dedicated area of the display; the system is ready to provide visual warnings in the event of unintentional exiting (direction indicator not activated) of the lane to the left.
When the system detects that the vehicle has approached the lane line, the left line on the display turns yellow and the vehicle icon shown on the display becomes yellow.
When the system detects that the vehicle has approached the lane line

and is about to pass it, the left line on the display (yellow) flashes and the vehicle icon shown on the display turns yellow.
The system operates in the same way, but mirrored, in the event of exiting the right lane when only the right lane limit has been detected.

Exiting a lane with detection of both limits

When the system is active, the lane lines on the display become white to indicate the successful detection of the limits.
When both lane limits have been detected, the vehicle shown in the graphic icon on the display changes green and the system is ready.
In accordance with the different conditions detected, the system can attract the attention of the driver by altering the lines that identify the lanes on the display. In particular, the system can alter their colour (from white to yellow and vice versa), and make them flash. Equally, the system alters the colour of the vehicle icon shown on the display.

Changing the system settings

The settings of the system can be changed through the **Uconnect™** system (see description in the dedicated supplement).

System limited operation warning 36) 37)

If the dedicated message is shown on the display, a condition limiting the system operation may have occurred. The possible reasons of this limitation are something blocking the camera view or a fault.
If an obstruction is signalled, clean the area of the windscreen by the interior rear-view mirror and check that the message has disappeared.
Although the vehicle can still be driven in normal conditions, the system may be not completely available.
When the conditions limiting the system functions end, this will go back to normal and complete operation. Should the fault persist, contact a Dealership.

No hands on steering wheel detection

If the system detects no hands from the steering wheel during active system intervention, the system will produce an escalation of visual-acoustic warnings, which will take 15 seconds to invite the driver to put the hands on the steering wheel. If you do not put your hands on the wheel within this time, the system will disconnect and provide an additional warning for 5 seconds.

System Fault Message

If the system switches off and a dedicated message is shown on the display, it means that there is a fault on the system.
In this case, it is still possible to drive the vehicle, but you are advised to contact a Dealership as soon as possible.

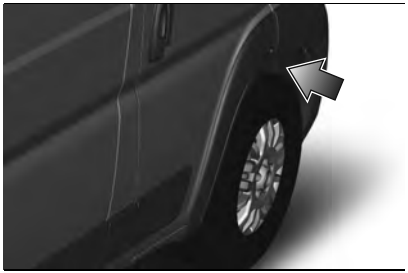
IMPORTANT

36) *The camera may have limited or absent operation due to weather conditions such as: heavy rain, hail, thick fog, heavy snow, formation of ice layers on the windscreen glass.*
37) *Camera operation may also be compromised by the presence of dust, condensation, dirt or ice on the windscreen glass, by traffic conditions (e.g. vehicles that are driving not aligned with yours, of vehicle in a transverse or opposite way on the same lane, bend with a narrow radius of curvature), by road surface conditions and by driving conditions (e.g. off-road driving). Make sure the windscreen is always clean. Use specific detergents and clean cloths to avoid scratching the windscreen. The camera operation may also be limited or absent in some driving, traffic and road surface conditions.*

FORWARD CROSSING ALERT AND BLIND SPOT INFORMATION SYSTEMS

The vehicle can be equipped with Forward Crossing Alert and Blind Spot Information System (BSIS) for monitoring the front blind spot and the side blind spot on the passenger side. The Forward Crossing Alert system uses two radar sensors, located in the front side bumper (fig. 186, one on each side), to detect the presence of pedestrians and cyclists in the blind spots from the front of the vehicle, while the BSIS system uses a radar sensor, located in the front side wheel arch on the passenger side, fig. 187, to detect the presence of cyclists in the side zone on the side opposite the driver

186 F1A2082



187 F1A1094

Forward Crossing Alert

The Forward Crossing Alert system warns the driver of the presence of pedestrians and cyclists in the detection zone by means of acoustic and visual alerts through the display of specific messages on the instrument panel display, possibly combined with an acoustic warning.

Sensors

The sensors of the Forward Crossing Alert system are activated when the vehicle is running, when any gear other than reverse is engaged, and at speeds of 10 km/h or less. The sensors are temporarily deactivated when reverse gear is engaged.

Important notes

The Forward Crossing Alert system does not signal the presence of fixed object (e.g. safety barriers, poles, walls, etc.). However, in some circumstances, the system may activate in the presence of these objects. This is normal and does not indicate a system malfunction.

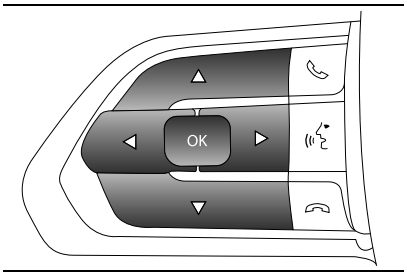
For the system to operate correctly, the front side bumper area where the radar sensors are located must stay free from snow, ice and dirt gathered from the road surface. These areas must not be covered with any kind of object (e.g. stickers, bicycle racks, etc.).

Detection in the front zone

The Forward Crossing Alert system detects pedestrians and cyclists entering and passing or stationary in the front detection zone of the vehicle, fig. 186.

Operating Mode

The Forward Crossing Alert system can be activated/deactivated by operating on the display Menu, or via the Uconnect™ system (for further information see the dedicated supplement). To turn the system on/off using the display menu, access the Setup Menu by pressing the MODE button on the dashboard and scroll through the list of settings using the △ or ▽fig. 188 buttons.



188 F1A0637

Select "Forward Crossing Alert". The available methods are:

❒ OFF
❒ ON (DISPLAY & SOUND)

"Forward Crossing Alert" with "Display & Sound" mode

When this mode is active, the Forward Crossing Alert system sends a visual warning on the instrument panel that alerts you to the presence of any pedestrians or cyclists in the front blind zone. If pedestrians or cyclists are present in the detection zone, the system can also provide a visual and acoustic warning if a risk of collision is also assessed.

Deactivation

The Forward Crossing Alert system can be switched off by selecting OFF mode. When deactivated, it will emit neither sound nor display signals. The Forward Crossing Alert system will be automatically reactivated whenever the engine is started.

Blind Spot Information System (BSIS)

The BSIS system warns the driver about the presence of cyclists in the detection zone by lighting up, on the passenger side, the warning light located on the door mirror, along with an acoustic warning and alert on the instrument panel.

Sensors

The BSIS system sensor is activated when the vehicle is running, when any gear other than reverse gear is engaged, and at a speed of 30 km/h or less. The sensor is temporarily deactivated with the vehicle in reverse gear.

Important notes

The BSIS system does not signal the presence of fixed object (e.g. safety barriers, poles, walls, etc.) and pedestrians. However, in some circumstances, the system may activate in the presence of these objects and people. This is normal and does not indicate a system malfunction.

For the system to operate correctly, the front side wheel arch zone on passenger side must stay free from snow, ice and dirt gathered from the road surface. This zone must not be covered with any kind of object (e.g. stickers, etc.).

Detection in the side zone (passenger side)

The BSIS system detects cyclists entering and passing through the side detection zone of the vehicle on the passenger side, fig. 186.

Operating Mode

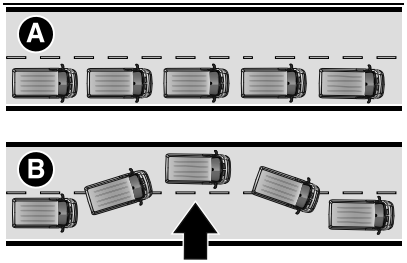
The BSIS system sends a visual warning to the side mirror corresponding to the passenger side that warns of the presence of cyclists in the side blind spot. The system can also provide a visual and acoustic warning if a risk of collision is also assessed.

Deactivation

The BSIS system is always active and cannot be deactivated.

CROSS WIND ASSIST (CWA) SYSTEM

The Cross Wind Assist (CWA) system helps the driver stabilise the vehicle in the event of a strong or short crosswind when travelling on a straight line (fig. 189).



189 F1A9081

(A) With Cross Wind Assist
(B) Without Cross Wind Assist
Activation of the CWA system depends on the following conditions:
❒ vehicle speed
❒ estimated wind force
❒ road conditions (bumps and aquaplaning)
The sidewise swaying of the vehicle caused by side wind force is minimised by the active braking generated by the ESC system.
Activation of the CWA system is indicated by the warning light turning on.
Activation of the CWA system causes deactivation of the Electronic Cruise Control and Adaptive Cruise Control for safety reasons.

OCCUPANT PROTECTION SYSTEMS

Some of the most important safety equipment of the vehicle comprises the following protection systems:
❒ seat belts;
❒ SBR (Seat Belt Reminder) system;
❒ head restraints;
❒ child restraint systems;
❒ Front airbags and side bags.
Read the information given the following pages with the utmost care.
It is of fundamental importance that the protection systems are used in the correct way to guarantee the maximum possible safety level for the driver and the passengers.
For the description of the head restraint adjustment, see the "Head restraints" chapter in the "Knowing your vehicle" section.

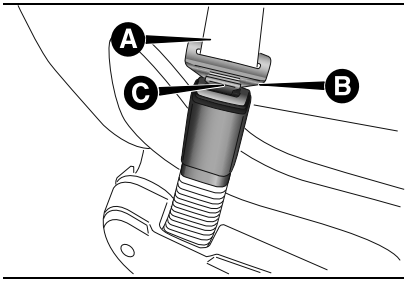
SEAT BELTS

IN BRIEF

All the seats in the vehicle are equipped with seat belts with three anchoring points and a retractor. The reel mechanism operates locking the belt in the event of sharp braking or strong deceleration due to an impact. This allows the belt strap to slide freely and to adapt to the body of the occupant. In the event of an accident, the belt will lock to reduce the risk of impact inside the passenger compartment or of being projected outside the vehicle. The driver is responsible for respecting, and ensuring that all the other occupants of the vehicle also respect, the local laws in force in relation to the use of the seat belts. Always fasten the seat belts before setting off.

USING THE SEAT BELTS

The belt should be worn keeping the torso straight and rested against the backrest.
To fasten the seat belts, hold fastening tongue (A) fig. 190 and insert it into buckle (B), until it clicks into place.



190 F1A0145

On removal, if the belt jams, let it rewind for a short stretch, then pull it out again without jerking.
Press button (C) fig. 190 to release the belt. Guide the belt while it is rewinding to prevent it from twisting.
The retractor may lock up when the vehicle is parked on a steep slope: this is perfectly normal.
Furthermore, the reel mechanism locks the belt if it is pulled sharply or in the event of sudden braking, collisions and high-speed bends.

⚠ 107)

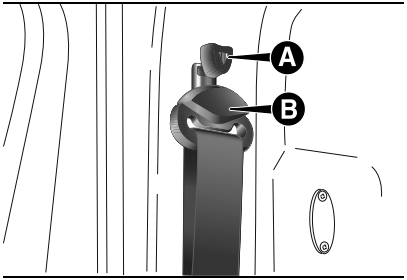
HEIGHT ADJUSTMENT

To adjust, press button (A) fig. 191 and raise or lower the handle (B).

⚠ 108) 109)

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.

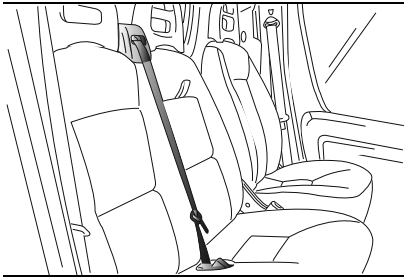
Correct adjustment is obtained when the belt passes approximately half way between the shoulder and the neck.



191 F1A0146

Seat belt with retractor for front central place on bench seat

The two-seater front bench is equipped with an on-board seat belt (reel on seat) with three anchorage points for the central position fig. 192.



192 F1A0147

⚠ *WARNING*

107) *Never press button (C) fig. 190 when travelling.*
108) *The height of the seat belts must be adjusted with the vehicle stationary.*
109) *After adjustment, always check that the cursor to which the ring is fastened is locked in one of the preset positions. To do this, with button released, press downward more to allow the anchoring device to click if it has not been released in one of the possible positions.*

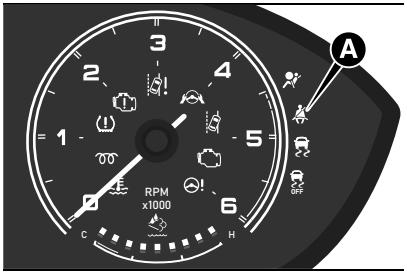
SEAT BELT REMINDER (SBR) WARNING LIGHT

The SBR system warns the passengers of the front and rear (where provided) seats if their seat belt is not fastened. The system warnings unfastened seat belts with visual warnings (warning lights on in the instrument panel and icons on the display) and an acoustic warning (see the following paragraphs).
NOTE To deactivate the horn permanently contact a Dealership. The horn can be reactivated at any time through the display Menu (see the "Display" chapter in the “Knowing the instrument panel” section).

Front seat belt warning light operation

When the ignition device is turned to MAR, the warning light (A) fig. 193 (3.5” display) or fig. 194 (7” display) for comes on for a few seconds, regardless of the status of the front seat belts.

With the vehicle moving slower than 20 km/h, if the driver side seat belt or the passenger side seat belt (with occupant seated) is unfastened, the warning light stays on constantly.



193 F1A0845

194 F1A0846

As soon as a speed threshold of 20 km/h is reached, with driver side seat belt or the passenger side seat belt (with occupant seated) unfastened, an acoustic warning is activated simultaneously with warning light flashing for about 105 seconds.

Once activated, this warning cycle stays active for the entire time if the vehicle is moving faster than 8 km/h or if reverse gear is not engaged or until the seat belts are fastened.

When the reverse is engaged, during the alert cycle, the acoustic signal is deactivated and the warning light turns on fixed.

If the vehicle speed drops to less than 8 km/h or if reverse gear is engaged during the warning cycle, the acoustic warning will be deactivated and the warning light switches on fixed.

If the entire time has not elapsed and reverse gear is not engaged, the warning cycle is reactivated as soon as the vehicle speed exceeds 20 km/h again.

Operation of rear seat belt icons

The icons shown on the display fig. 195 (3.5” display) or fig. 196 (7” display) according to the corresponding seat belts in the rear seats, and stay on for about 65 seconds from the last seat belt status change.

The icons (A) shown on the display indicate:

- three symbols : left, centre, right seat;
- four symbols : left, centre left, centre right, right seat(Cargo versions);
- three symbols for the middle row: left, middle, right seat and three symbols for the third row: left, middle, right seat (Panorama version).

195 F1A0847

196 F1A9039

Icons on the 3.5” display

If a rear seat belt is fastened, the icon appears.

With the vehicle travelling at a speed lower than 20 km/h, if a rear seat belt is unbuckled, the icon stays on with fixed light for a total of approximately 65 seconds.

If the vehicle is travelling at a speed faster than 20 km/h and reverse gear is not engaged, if a rear seat belt is unbuckled, an acoustic indication is sounded when the icon flashes for approximately 35 seconds. Successively, the acoustic warning is deactivated and the icon lights up with fixed light until the end of the entire cycle.

Icons on the 7” display

The icons are displayed according to the corresponding seat belts in the rear seats, and stay on for about 65 seconds from the last seat belt status change:

❒ *if the seat belt is fastened* the corresponding icon will be green;

❒ *if the seat belt is unfastened* the corresponding icon will be red.

With the vehicle travelling as speed lower than 20 km/h, if a rear seat belt is unfastened, the red icon stays on with fixed red light for a total of approximately 65 seconds.

If the vehicle is travelling at a speed faster than 20 km/h and reverse gear is not engaged, if a rear seat belt is unbuckled, an acoustic warning is sounded when the red icon flashes for approximately 35 seconds. Successively, the acoustic warning is deactivated and the icon lights up with fixed light until the end of the entire cycle.

Furthermore, the icons lights up for a few seconds whenever one of the rear doors is opened.

WARNINGS

As far as the rear seats and the third row are concerned, the SBR system will only indicate whether the seat belts are unfastened or fastened, not the presence of any passengers.

For the rear seats and on the third row, the icons will activate a few seconds after the ignition device has been turned to MAR, regardless of the status of the seat belts (even if the seat belts are all fastened).

All the warning lights/icons will come on when at least one belt changes from fastened to unfastened status or vice versa.

PRE-TENSIONERS

To increase the protective efficiency of the front seat belts, the vehicle is fitted with pretensioners. These devices, in the event of a head-on crash or side impact, rewind the seat belts a few centimetres. In this way, they ensure that the belts fit tightly to the wearer before the restraining action begins.

It is evident that the pretensioners have been activated when the belt withdraws toward the retractor.

A slight discharge of smoke may be produced during the activation of the pretensioner which is not harmful and does not involve any fire hazard.

The pretensioner does not require any maintenance or lubrication.

Any changes to its original conditions will invalidate its efficiency. If, due to unusual natural events (floods, sea storms, etc.), the device has been affected by water or mud, contact a Dealership to have it replaced.

110)

38)

WARNING To obtain the highest degree of protection from the action of the pretensioner, wear the seat belt tight to the chest and pelvis.

LOAD LIMITERS

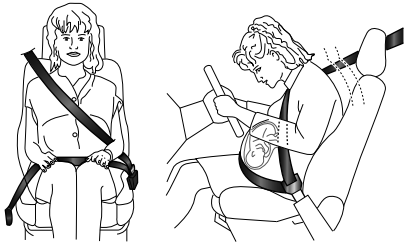
To increase passenger safety, the front seat belt retractors contain a load limiter which controls the force acting on the chest and shoulders during the belt restraining action in the event of a head-on collision. This device is present on all versions with the exception of the version with bench seat if no air bag is present.

GENERAL WARNINGS FOR USING THE SEAT BELTS

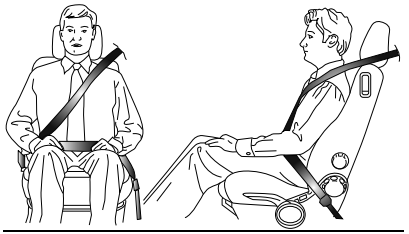
Seat belts are also to be worn by pregnant women: the risk of injury in the case of accident is greatly reduced for them and the unborn child if they are wearing a seat belt. Pregnant women must position the lower part of the belt very low down so that it passes over the pelvis and under the abdomen (see fig. 197).

While pregnancy progresses, the driver must adjust both the seat and the steering wheel to ensure full control of the vehicle (pedals and steering wheel must be easily accessible). The maximum clearance should be kept between the abdomen and the steering wheel. The seat belt strap must not be twisted. The upper part must pass over the shoulder and cross the chest diagonally. The lower part must adhere to the pelvis fig. 198, not to the abdomen of the occupant. Do not use devices (clips, etc.) to hold the seat belt away from your body.

⚠ 111) 112) 113)



197 F1A0148



198 F1A0149

199 F1A0150

Each seat belt must be used by only one person. Never travel with a child sitting on the passenger's lap and a single belt to protect them both fig. 199. In general, do not place any objects between the person and the belt.

SEAT BELTS MAINTENANCE

For keeping the seat belts in efficient conditions, carefully observe the following warnings:

❒ always use the seat belt well stretched and never twisted; make sure that it is free to run without obstructions;

❒ check seat belt operation as follows: attach the seat belt and pull it hard;

❒ replace the belt after an accident of a certain severity even if it does not appear to be damaged. Always replace

the belt if the pretensioners were deployed;
❒ prevent the retractors from getting wet: their correct operation is only guaranteed if water does not get inside;
❒ replace the seat belt when it shows wear or cuts.

WARNING

110) *The pretensioner may be used only once. After it is triggered, have it replaced at a Dealership.*
111) *For maximum safety, keep the backrest upright, lean back into it and make sure the seat belt fits closely across your chest and pelvis. Always fasten the seat belts on both the front and the rear seats! Travelling without wearing seat belts will increase the risk of serious injury and even death in the event of an accident.*
112) *Removing or tampering with seat belt and pretensioner components is strictly prohibited. Any intervention on these components must be performed by qualified and authorised technicians. Always go to a Dealership.*
113) *If the belt has been sharply pulled, for example as the result of an accident, the seat belt, together with the anchoring devices, the anchoring device fixing screws and the pretensioner must be completely replaced. Even if the belt does not present any exterior signs of wear or damage, it may have lost its restraining properties.*

IMPORTANT

38) *Operations which lead to impacts, vibrations or localised heating (over 100°C for a maximum of six hours) in the area around the pretensioners may damage or deploy them. Contact a Dealership should intervention be necessary on these components.*

CHILD RESTRAINT SYSTEMS

CARRYING CHILDREN SAFELY

For optimal protection in the event of an impact, all occupants must be seated and wearing adequate restraint systems, including newborn and other children! This prescription is compulsory in all EC countries according to EC Directive 2003/20/EC. Children below the height of 1.50 metres and up to 12 years must be protected with suitable restraint systems and be seated on the rear seats. Statistics on accidents indicate that the rear seats offer greater safety for children. Compared with adults, a child's head is proportionally larger and heavier than the rest of the body, while muscles and bone structure are not fully developed. Therefore, correct restraint systems other than adult seat belts are necessary, to reduce as much as possible the risk of injuries in the event of an accident, braking or sudden manoeuvre. Children must be seated safely and comfortably.

As far as the characteristics of the child seats used allow, you are advised to keep children in rearward facing child seats for as long as possible (at least until 3–4 years old), since this is the most protected position in the event of a collision. The choice of the most suitable child restraint system depends on the weight and size of the child.

There are various types of child restraint systems that can be secured to the vehicle by means of the seat belts or with the ISOFIX anchorages. It is recommended to always choose the restraint system most suitable for the child; for this reason always refer to the Owner Handbook provided with the child restraint system, to be sure that it is of the right type for the children it is intended for.

In Europe the characteristics of child restraint systems are governed by regulation ECE-R44, which divides them into five weight groups, where there is a partial overlap of the groups. This is why there are devices on the market that cover more than one weight group.

All restraint devices must bear the type-approval data, together with the control mark, on a label solidly fixed to the child restraint system which must never be removed.

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

Lineaccessori MOPAR includes child restraint systems for each weight group. These devices are recommended, having been specifically designed for Fiat Professional vehicles.

⚠ **114)**

Group	Age	Weight groups	Size class / Fixing
Group 0	Indicatively up to 9 months	up to 10 kg in weight	ISO/L1 ISO/L2 ISO/R1
Group 0+	Indicatively up to 2 years	up to 13 kg in weight	ISO/R1 ISO/R2 ISO/R3
Group 1	Indicatively from 8 months to 4 years	9 - 18 kg	ISO/R2 ISO/R3 ISO/F2 ISO/F2X ISO/F3
Group 2	Indicatively from 3 to 7 years	15 - 25 kg	–
Group 3	Indicatively from 6 to 12 years	22 - 36 kg	–

WARNING

114) *Do not place a rear-facing cradle seat on the front seat if the passenger side airbag is enabled. Deployment of the airbag in an accident could cause fatal injuries to the child regardless of the severity of the impact. It is advisable to always carry children in a child restraint system on the rear seat, which is the most protected position in the event of a collision. If you need to carry a child on the front passenger seat in a rear-facing cradle restraint system, the passenger side airbags (front and side bags for chest/pelvis protection, for versions/markets, where provided) must be deactivated using the setup menu. It is important to check the dedicated LED on button on the dashboard to make sure that they are actually deactivated. Move the passenger's seat as far back as possible to avoid contact between the child seat and the dashboard.*

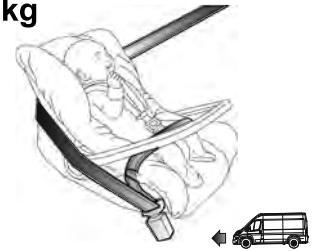
GROUP 0 and 0+

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 decelerations.

The cradle is restrained by the seat belts of the vehicle, as shown in fig. 200 and it must restrain the child in turn with its own belts.

115) 116) 117) 118) 119) 120) 121)

0-13 kg



200 F1A0151

GROUP 1

Children from 9 kg to 18 kg in weight can be carried facing forwards if the child seat is fitted with a front cushion, through which the vehicle seat belt restrains both child and seat fig. 201.

116) 117) 118) 119) 120) 121)

9-18 kg

201 F1A0152

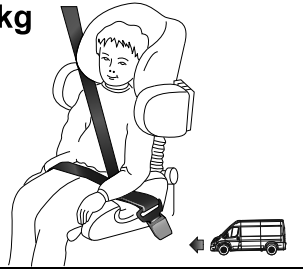
GROUP 2

Children from 15 to 25 kg may use the seat belts of the vehicle directly fig. 202.

The child restraint system is now needed only 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 the lower part is snug on the pelvis not the abdomen.

116) 117) 118) 119) 120)

15-25 kg



202 F1A0153

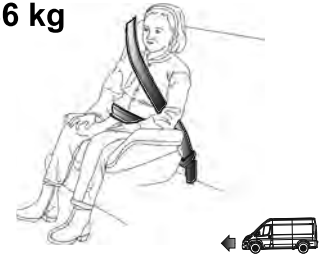
GROUP 3

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

The fig. 203 shows the correct child positioning on the rear seat.

116) 117) 118) 119) 120)

22-36 kg



203 F1A0154

Children over 1.50 m in height can wear seat belts like adults.

WARNING

115) *On the sun visor there is a label with suitable symbols reminding the user that it is compulsory to deactivate the airbag if a rearward facing child restraint system is fitted. Always comply with the instructions on the passenger side sun visor (see the "Supplementary Restraint System (SRS) - Airbag" chapter).*

116) *Do not move the front or rear seat if a child is seated on it or on the dedicated child restraint system.*

117) *Incorrect fitting of the child restraint system may result in an inefficient protection system. In the event of an accident the child restraint system may become loose and the child may be injured, even fatally. When fitting a restraint system for newborns or children, strictly comply with the instructions provided by the Manufacturer.*

118) *When the child restraint system is not used, secure it with the seat belt or with the ISOFIX anchorages, or remove it from the vehicle. Do not leave it unsecured inside the passenger compartment. In this way, in the event of sudden braking or an accident, it will not cause injuries to the occupants.*

119) *Always make sure that the diagonal section of the seat belt does not pass under the arms or behind the back of the child. In the event of an accident the seat belt will not be able to secure the child, with the risk of injury, including fatal injury. Therefore the child must always wear the seat belt correctly.*

120) *The diagrams are indicative and provided for assembly purposes only. Fit the child restraint system according to the instructions, which must be included.*

121) *Car seats for weight groups 0 and 1 feature an anchor in front of the vehicle safety belts as well as its own belts to restrain the child. Due to their weight, they may be dangerous if incorrectly mounted (e.g. if fastened to the vehicle seat belts placing a cushion in between). Follow the assembly instructions carefully.*

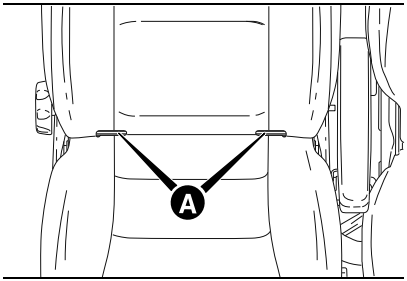
SETUP FOR "UNIVERSAL ISOFIX" CHILD RESTRAINT SYSTEM

The vehicle is set up for fitting an Isofix child restraint system.

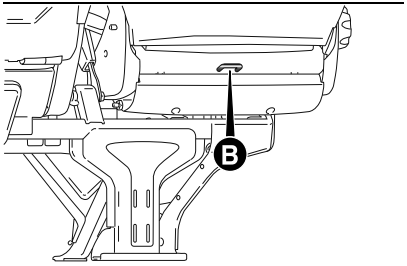
The ISOFIX system lets you install the ISOFIX child restraining system quickly, simply and safely, without using the vehicle seat belts, but by connecting the child restrain system directly to the vehicle seat with three anchors in the vehicle. Traditional child restraint systems can be fitted alongside ISOFIX child restraint systems on different seats in the same vehicle.

To install an ISOFIX child restraint system, attach it to the two metal anchorings (A) fig. 204 located where the rear seat cushion meets the backrest, then fix the upper strap (available together with the restraint system) to the dedicated anchoring (B) fig. 205 located at the bottom behind the backrest.

fig. 207 shows an example of a Universal ISOFIX child restraint system for weight group 1.



204 F1A0156

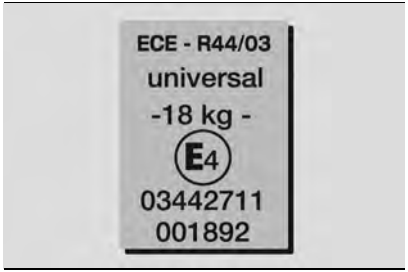


205 F1A0157

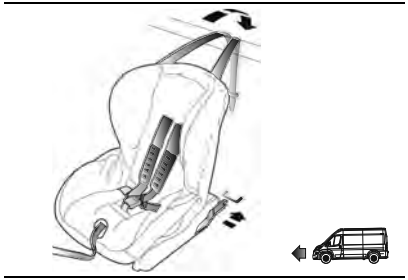
NOTE When a Universal ISOFIX child restraint system is used, only ECE R44 "ISOFIX Universal" (R44/03 or further upgrades) type-approved child restraint systems can be used fig. 206.

WARNING The fig. 207 is indicative and for assembly purposes only. Fit the child restraint system according to the instructions, which must be included.

122) 123) 124) 125)



206 F1B0117C



207 F1A0155

WARNING

122) *Fit the child restraint system only when the vehicle is stationary. The child restraint system is correctly fixed to the brackets when you hear the click. Follow the instructions for assembly, disassembly and positioning that the Manufacturer must supply with the child restraint system.*

123) *The manufacturer recommends fitting the child restraint system according to the instructions, which must be included.*
124) *Never use the same lower anchorage to attach more than one child restraint.*
125) *If a Universal ISOFIX child restraint system is not fixed to all three anchorages, it will not be able to protect the child correctly. In a crash, the child could be seriously or fatally injured.*

i-Size CHILD RESTRAINT SYSTEMS

These child restraint systems, built and type-approved according to the i-Size (ECE R129) standard, ensure better safety conditions to carry children on board a vehicle:

❒ the child must be transported rearward facing until 15 months;
❒ child restraint system protection is increased in the event of a side collision;
❒ the use of the ISOFIX system is promoted to avoid faulty installation of the child restraint system;
❒ efficiency in the choice of the child restraint system, which isn't made according to weight any more but according to the child's height, is increased;
❒ compatibility between the vehicle seats and the child restraint systems is better: the i-Size child restraint systems can be considered as "Super ISOFIX";