Welcome aboard your vehicle
Rechargeable Hybrid

The system description provided in this manual is based on the technical specifications known at the time of writing. **The manual covers all items of equipment** (both standard and optional) **available, but whether or not these are fitted to the vehicle depends on the version, the options selected and the country where the vehicle is sold.**
This handbook may also contain information about items of equipment to be introduced later in the model year.
The diagrams in the user manual are provided as examples.

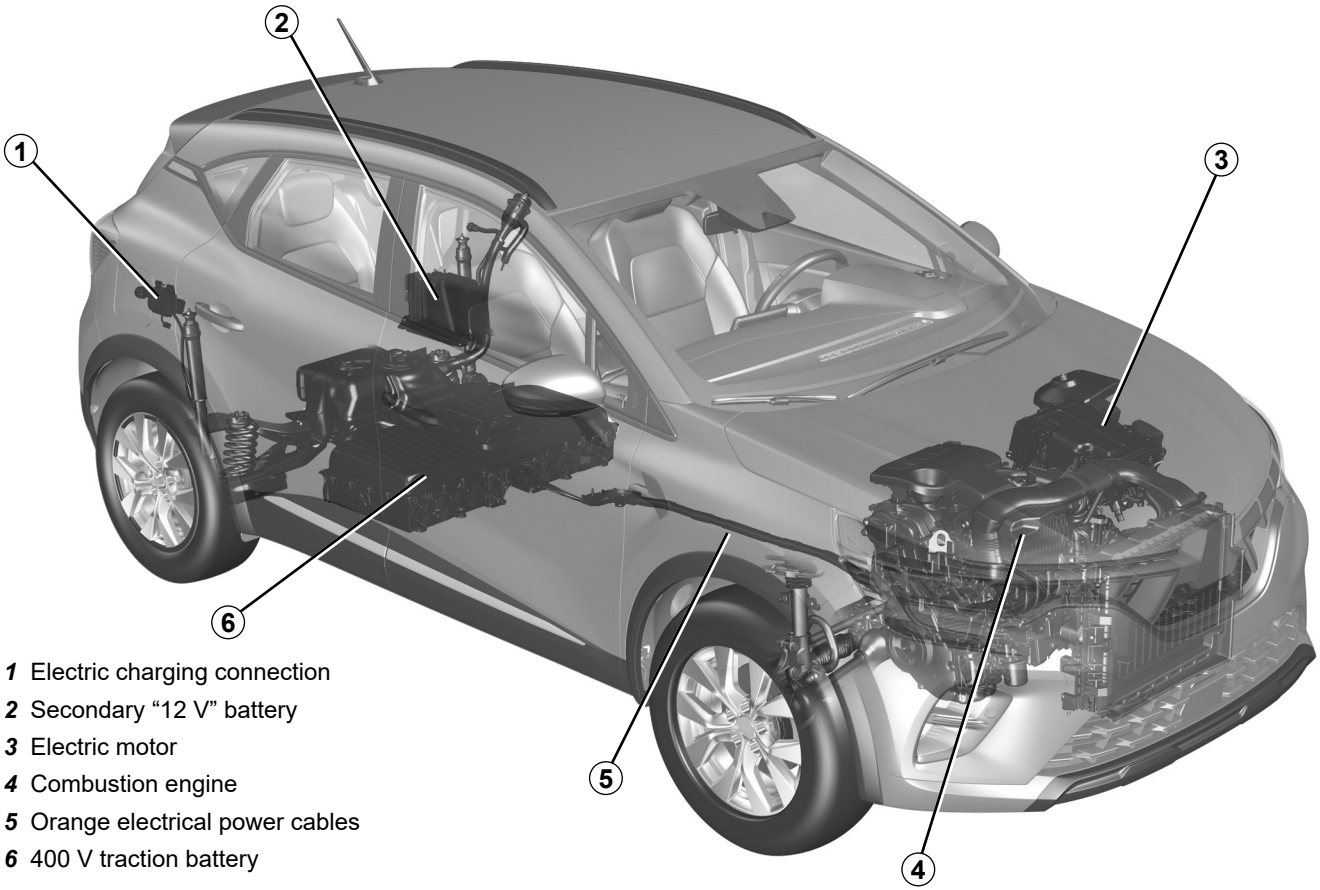
The information contained in this document **supersedes** and/or **replaces** the main driver's handbook.
Translated from French. Copying or translation, in part or in full, is forbidden unless prior written permission has been obtained from the car manufacturer.

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HYBRID VEHICLE SYSTEM: INTRODUCTION (1/6)

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1 Electric charging connection
2 Secondary “12 V” battery
3 Electric motor
4 Combustion engine
5 Orange electrical power cables
6 400 V traction battery

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HYBRID VEHICLE SYSTEM: INTRODUCTION (2/6)

The hybrid vehicle system uses the electric motor to drive the vehicle.

The electric motor is assisted by the combustion engine, when energy or electrical power is no longer sufficient.

The vehicle may also move in fully electric operating mode without any assistance from the combustion engine.

The vehicle uses energy stored in the traction battery.

There are several ways to recharge the traction battery:

– during the braking or deceleration phases;

– using its combustion engine which can be used as a generator;

– directly on a recharging terminal or a domestic power socket.

Batteries

The rechargeable hybrid vehicle is equipped with two types of battery:

– a 400V traction battery;

– a secondary “12 V” battery.

400 V traction battery

This battery, located underneath the rear floor, stores the energy required for the electric motor to operate correctly.

As with any battery, it discharges when used, and must be regularly recharged:

– during deceleration phases;

– with the combustion engine starting automatically, even at idle speed, to act as a generator and maintain the traction battery charging level;

– on a power outlet or a recharging terminal using the charging lead ➥ GB.13. Charging times vary depending on the type of specific wall unit socket or public terminal you connect to.

Your vehicle range in electric operating mode depends on the charge level of the traction battery, and also on your driving style and the components consuming energy (air conditioning, heating system etc.).

In the event of traction battery discharge, the combustion engine alone moves the vehicle until the traction battery is sufficiently recharged.

HYBRID VEHICLE SYSTEM: INTRODUCTION (3/6)

Secondary “12 V” battery

The secondary “12 V” battery, located in the luggage compartment, supplies the energy required to open/close the vehicle and to operate the equipment.

The secondary battery “12 Volts” does not participate when the engine is started. This is ensured by the hybrid system.



The electrical system of the rechargeable hybrid vehicle uses direct voltage of approximately 400 V.

This system can get hot during and after switching off the ignition.

Observe the warning messages on the labels in the vehicle.

All operations on or modifications to the “400 V” electrical system (components, cables, connectors, traction battery) are strictly prohibited due to the risks they present to your safety.

Call an approved Dealer.

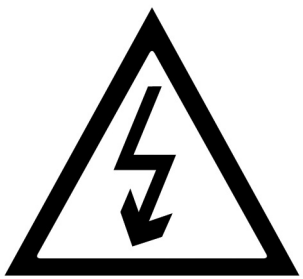
The risk of serious burns or electric shocks can lead to death.

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HYBRID VEHICLE SYSTEM: INTRODUCTION (4/6)

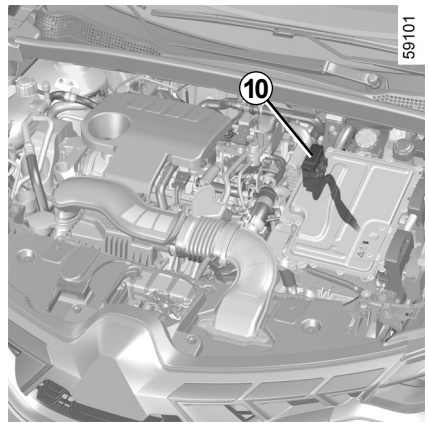
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The ***A*** symbol identifies the electrical elements in your vehicle which may present health risks.

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“400 volt” electrical circuit

The 400 V electrical circuit is denoted by orange cables ***10*** and parts bearing the ⚠ symbol.

Before carrying out any operation in the engine compartment, you must switch off the ignition.

HYBRID VEHICLE SYSTEM: INTRODUCTION (5/6)

Driving

The hybrid system selects the combustion engine and/or the electric motor, depending on the driving conditions and the driving mode selected.

When driving, if you lift your foot off the accelerator pedal or apply the brake pedal, the electric motor generates electrical current during deceleration, and this energy is used to slow the vehicle and recharge the traction battery.

Special case

After the battery has been fully charged and during the first few miles of using the vehicle, engine braking will be temporarily reduced.

Please adapt your driving style appropriately.

The engine brake should under no circumstances be used as a substitute for the brake pedal.

Bad weather, flooded roads



Do not drive through floods if the depth of water is above the lower edge of the wheel rims.

Driver obstruction

On the driver's side, only use mats suitable for the vehicle, attached with the pre-fitted components, and check the fitting regularly.

Do not lay one mat on top of another.

There is a risk of wedging the pedals.

HYBRID VEHICLE SYSTEM: INTRODUCTION (6/6)

Noise

The hybrid vehicles are particularly quiet in electric operating mode.

You will not yet necessarily be used to it, and neither will other road users. It is difficult for them to hear your vehicle when it is moving.

As the electric motor is silent, you will hear noises that you are not used to hearing (aerodynamic noises, tyre noise etc.).

When charging, the vehicle may emit noises (fan, relays, etc).

During the passenger compartment preconditioning phases, the air conditioning and heating systems may be triggered automatically ➥ GB.54.

Pedestrian horn

The pedestrian horn enables you to warn others of your presence – especially pedestrians and cyclists.

In electric operating mode, the system is activated automatically.

The sound is triggered when the vehicle speed is between about 1 and 19 mph (1 and 30 km/h).

For further information on the pedestrian horn, refer to the multimedia instructions.

In the event of a fault with the pedestrian horn, the warning light  is displayed on the instrument panel, together with the message “Failure Outside sound”.

Consult an approved dealer.



As your hybrid vehicle is silent, before you get out, switch off the ignition with the brake pedal pressed and check that the electronic parking brake is correctly applied.

RISK OF SERIOUS INJURY.

HYBRID VEHICLE SYSTEM: OPERATION (1/2)



Energy flow indicator *1*

Depending on the driving mode selected, the ***1*** indicator represents the energy flows between:

– the electrical assembly (traction battery and electric motor);

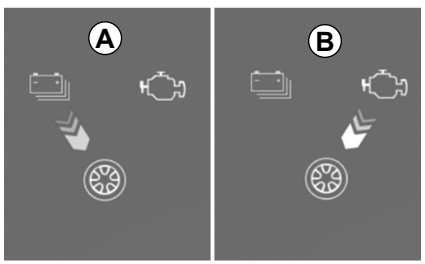
– the combustion engine;

– the wheels.

The colour of the flows varies:

– blue: electrical energy;

– white: energy produced by the combustion engine.



Flow *A* “Electric traction”

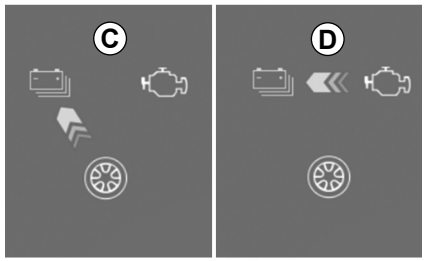
The electrical assembly is used to power movement of the vehicle.

Flow *B* “Combustion engine traction”

The combustion engine is used to power movement of the vehicle.

HYBRID VEHICLE SYSTEM: OPERATION (2/2)

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Flow *C* “Energy recovery”

When you lift your foot off the accelerator pedal or press the brake pedal, the electric motor and/or regenerative braking system converts the energy produced through deceleration of the vehicle into electrical energy.

This is used to slow down the vehicle and recharge the traction battery.

Flow *D* “Energy production”

The combustion engine recharges the traction battery.

Note: a combination of different flows is possible (e.g. associating the ***A*** flow with the ***B*** flow means that both the combustion engine and electric motor are powering movement of the vehicle).

The engine brake should under no circumstances be used as a substitute for the brake pedal.

If a trailer is used:

– Provide a full charge before use;

– activate “E-save” mode from the start and throughout the use of the trailer.

Special feature:

when the traction battery reaches the maximum charge level, the engine brake is temporarily reduced. Please adapt your driving style appropriately.

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IMPORTANT RECOMMENDATIONS

Please read these instructions carefully. Failure to follow these instructions may lead to a **risk of fire, serious injury or electric shock which may present a risk to life.**

In the event of an accident or impact

In the event of an accident or an impact to the underside of the vehicle (e.g.: striking a post, raised kerb or other street furniture), this may damage the electric circuit or the traction battery.
Have the vehicle checked by an authorised dealer.
Never touch the “400 volt” components or orange cables which are exposed and visible inside or outside the vehicle.

In the event of serious damage to the traction battery, leaks may occur:
– never touch the liquids (fluids, etc.) coming from the traction battery;
– in the event of contact with the body, wash the affected area with plenty of water and consult a doctor as soon as possible.
In the event of an impact, even slight, against the charging flap and/or cover, have them checked by an approved dealer as soon as possible.

In the event of fire

In the event of a fire, leave the vehicle immediately and evacuate it, then contact the emergency services, informing them that this is a hybrid vehicle.
Only use extinguishing agents ABC or BC that are permitted for use with electrical fires. Do not use water or other extinguishing agents.
In the event of damage to the electrical circuit, please call an authorised dealer.

All towing operations

Please see the section on “Towing” ➥ GB.66.

When changing a wheel

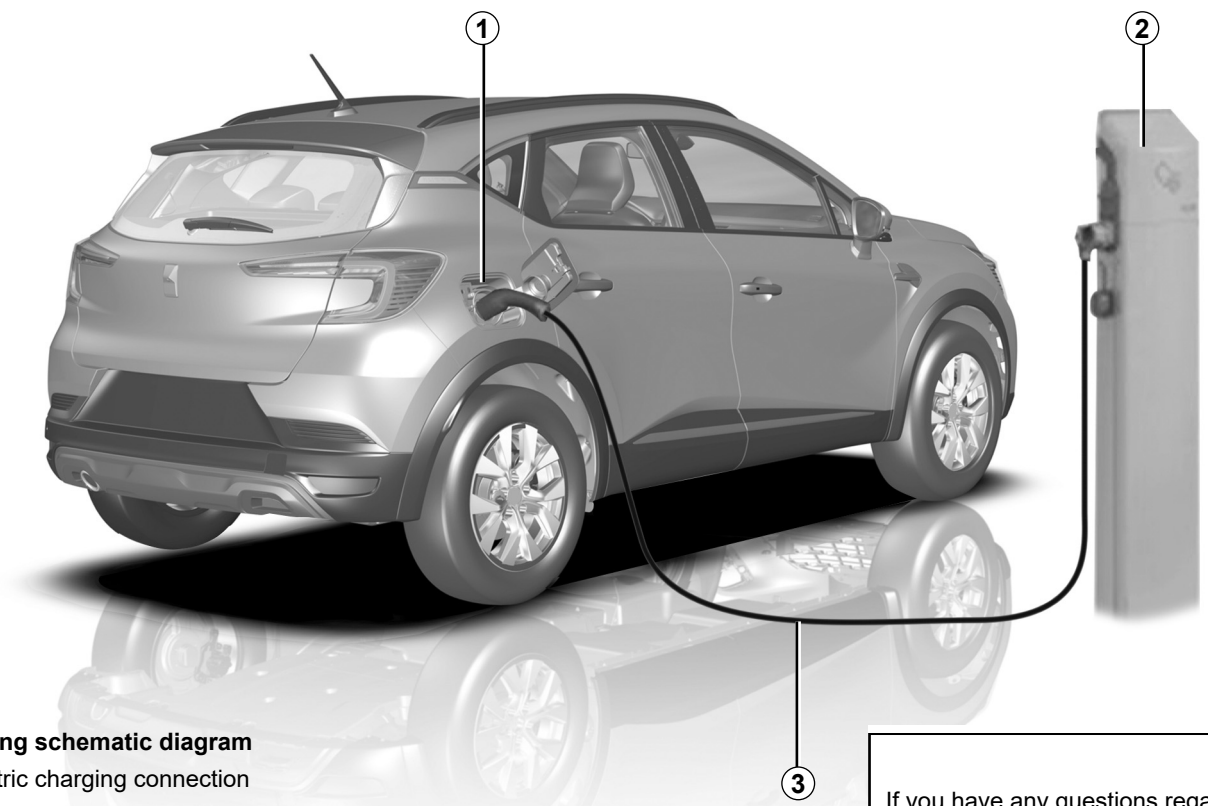
For safety reasons, the vehicle must be lifted by an approved dealer only.

Washing the vehicle

Never wash the engine compartment, the charging connection or the traction battery with a high-pressure jet.
This risks damaging the electric circuit.
Never wash the vehicle while it is charging.
Risk of electric shock and a risk to life.

HYBRID VEHICLE: CHARGING (1/11)

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Charging schematic diagram

1 Electric charging connection

2 Specific wall socket or recharging terminal

3 Charging cord

If you have any questions regarding the equipment needed for charging, please ask an authorised dealer.

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HYBRID VEHICLE: CHARGING (2/11)

Important recommendations for charging your vehicle

Please read these instructions carefully. Failure to follow these instructions may lead to **a risk of fire, serious injury or electric shocks which could result in death.**

Charging

Do not do anything to the vehicle during charging (washing, working in the engine compartment, etc.).

In the event of the presence of water, signs of corrosion or foreign bodies in the charging cord connector or in the vehicle charging socket, do not charge the vehicle. **Fire hazard.**

Do not attempt to touch the cord contacts, the domestic socket or the vehicle charging socket, or introduce objects into them.

Never plug the charging cord into an adapter, multiple socket or extension lead.

The use of generators is prohibited.

Do not remove or change the vehicle charging socket or the charging cord. **Fire hazard.**

Do not modify or perform any action on the installation during charging.

In the event of an impact, even slight, against the charging flap or cover, have them checked by an approved dealer as soon as possible.

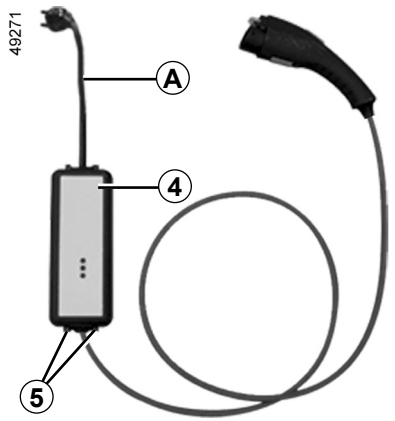
Take care with the lead: do not tread on it, immerse it in water, pull on it or let anything knock against it.

Check regularly that the charging cord is in good condition.

In the event of damage to the charging lead (corrosion, browning, cuts, etc.), to the unit or to the vehicle's electrical charging socket, do not use them. Please see an approved dealer to have them replaced.

In the event of non-activation of the charging flap locking mechanism and/or unlocking of the vehicle's electric charging socket, please contact an approved dealer.

HYBRID VEHICLE: CHARGING (3/11)



Charging cord *A*

Depending on the vehicle, either the 10A or 16A lead can be used for:

– regular charging, using a socket dedicated to the vehicle;

– occasional charging using a domestic socket, for example when you are not at home.

Sockets must be fitted as stated in the instructions supplied with the charging cord ***A***.

Always read the charging cord instructions **carefully** before using it ***A***.

The charging lead is stored in the luggage compartment of the vehicle.

Never leave the socket hanging by the cord. Use the hooks ***5*** to attach it.

If a charging cord malfunctions during the charging process (red warning light on the unit ***4***), stop charging immediately. Please refer to cord instructions.



Charging cord *B*

This lead, designed for specific wall sockets or public terminals (16A charging), enables standard charging of the traction battery.

This charging lead can be obtained from an approved dealer.

We recommend that you use a charging lead that enables regular charging of the traction battery.

HYBRID VEHICLE: CHARGING (4/11)

Important recommendations for charging your vehicle

Please read these instructions carefully. Failure to follow these instructions may lead to **a risk of fire, serious injury or electric shocks which could result in death.**

Choice of charging cord

The standard charging leads supplied with the vehicle have been designed specifically for use with this vehicle. It is designed to protect you against the risks of electric shock that can lead to death or fire.

Do not use with the charging leads of previous vehicles as they are not adapted.

For safety reasons, the use of a charging cord not recommended by the manufacturer is strictly forbidden. Failure to follow this instruction can lead to risks of fire or electric shock that can prove fatal. For information on a charging cord suited to your vehicle, please consult an authorised dealer.

Installation

Power supply systems

Only use charging terminals which conform to the IEC 61851-1 standard and connecting points protected by:

– a type A 30 mA residual differential current system specific to the socket used;

– an overcurrent protection device;

– protection against overvoltage relating to lightning in exposed areas (IEC 62305-4).

Wall socket

Have a special wall socket installed by a qualified professional.

In the case of domestic charging

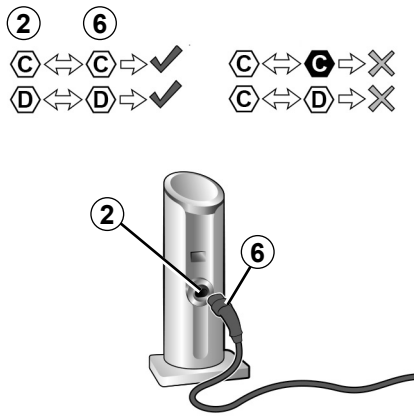
Have a qualified professional check that each socket to which you will connect the charging cable complies with the standards and regulations in force in your country and that it complies with the specifications described previously in the information on “Power supply systems”.

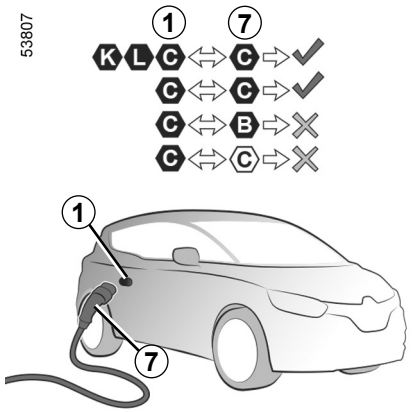
HYBRID VEHICLE: CHARGING (5/11)

Charging types that conform to European standards

Alternating current (AC)

If the information is displayed on the vehicle charging flap, follow the instructions below.
Before plugging in a charging lead, check that:
– the colour and one of the letters of the inlet socket ***2*** correspond to the colour and one of the letters on the end ***6*** of the lead;
– the colour and one of the letters of the inlet socket ***1*** correspond to the colour and one of the letters on the end ***7*** of the lead.





Charging type	Alternating current (AC)			
Connection	Charging terminal *2*/Charging lead *6*		Vehicle *1*/Charging lead *7*	
Charging types that conform to European standards (for all other cases, please consult an approved dealer).	C	D	B	C

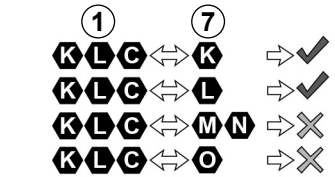
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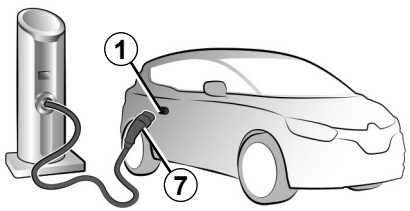
HYBRID VEHICLE: CHARGING (6/11)

Charging types that conform to European standards (continued)

Direct current (DC)

If the information is displayed on the vehicle charging flap, follow the instructions below.
Before plugging in a charging lead, make sure that the colour and one of the letters of the inlet socket ***1*** correspond to the colour and one of the letters on the end ***7*** of the charging lead.

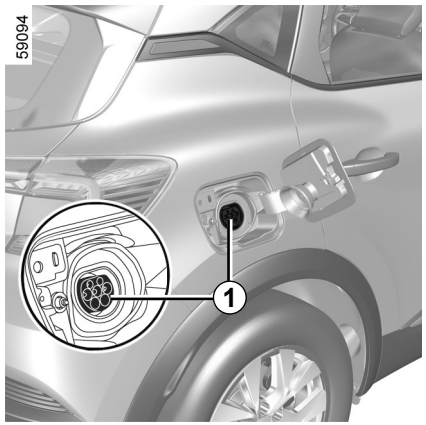




Charging type	**Direct current (DC)**				
Connection	**Vehicle *1*/Charging lead *7***				
Charging types that conform to European standards (for all other cases, please consult an approved dealer).	K	L	M	N	O

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HYBRID VEHICLE: CHARGING (7/11)



Electric charging connection *1*

Note: If in a snowy environment, remove snow from the vehicle charging area before plugging in or disconnecting. Snow in the socket may block the insertion of the charging cord plug.

In the absence of any protection against overvoltage, you are recommended not to charge the vehicle in stormy weather (lightning, etc).

The vehicle is equipped with a charging socket that enables charging up to 3.5 kW. It is located on the right-hand side of the vehicle.

Precautions

Avoid charging and parking your vehicle in extreme temperatures (hot or cold).

Under extreme conditions, charging may take several minutes to begin (the time required for the traction battery to cool down or warm up).

If the vehicle is parked for more than two days in temperatures below approximately -25°C, charging the traction battery may become impossible.

When the vehicle is parked for more than three months with near zero charge, charging the battery can become impossible.

To preserve the service life of your traction battery, avoid parking the vehicle for more than one month with high charge, especially when the weather is very hot.

Favour charging the traction battery after driving and/or in mild temperatures.

Otherwise, charging may take a longer period of time or even become impossible.

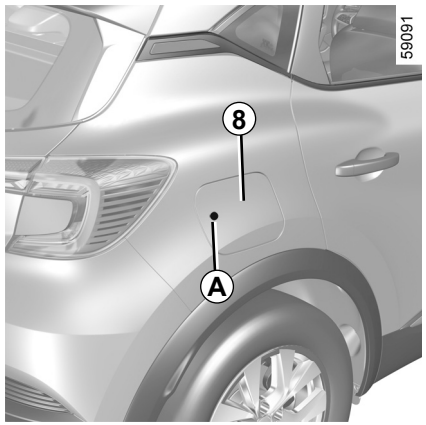
Recommendations

– In high temperatures, try to park and recharge the vehicle in a shaded/covered location;

– charging can be performed in the rain or snow;

– activating the air-conditioning increases the charging time required.

HYBRID VEHICLE: CHARGING (8/11)



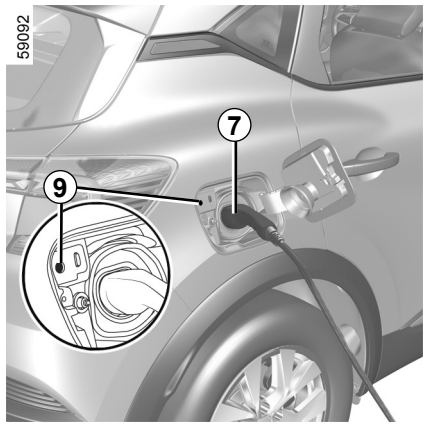
Recharging the traction battery

Vehicle stationary, **ignition off:**

– take the charging cord located in the boot of your vehicle;

– remove it from its storage bag;

– with the vehicle unlocked, to open cover ***8***, press area ***A*** then release. The cover ***8*** opens slightly;



– open the cover ***8***. The warning light ***9*** appears in white;

– plug in the end of the cord to the power supply;

– grab the handle ***7***;

– plug in the vehicle cord. The warning light ***9*** flashes in yellow;

– after you hear a locking click, check that the charging cord is properly plugged in. To check the locking, pull gently on the handle ***7***.

The charging cord is automatically locked with the vehicle.

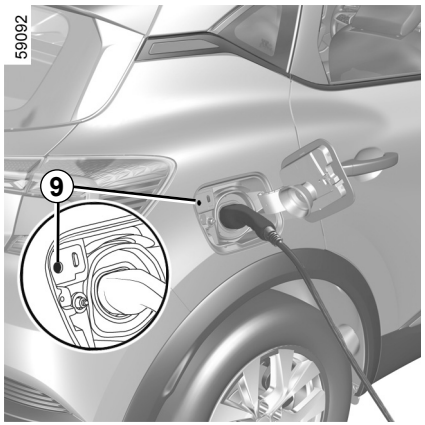
This will make it impossible to unplug the cord from your vehicle.

Do not use an extension lead, multiple socket or adapter.

Fire hazard.

Make sure you fully uncoil the charging cord to limit its heating.

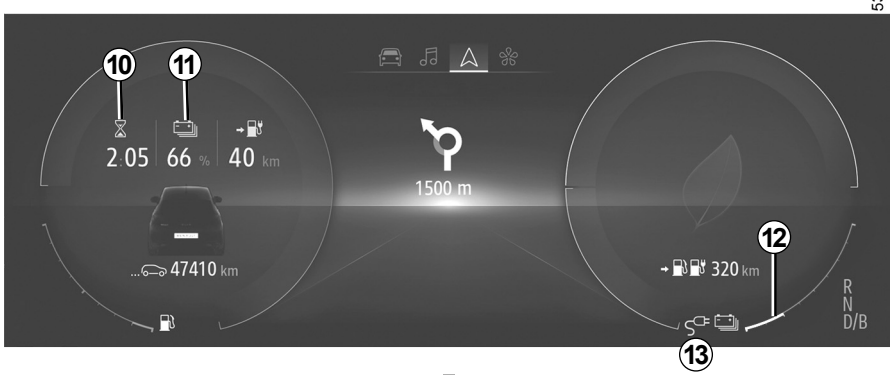
HYBRID VEHICLE: CHARGING (9/11)



During charging, the warning light ***9*** flashes in blue.

When charging starts, the following information is displayed on the instrument panel:

– the energy level on the battery warning light ***12***;



– the battery ***11*** refill percentage;

– an estimation of the remaining charging time ***10*** (this is not displayed after approximately 95% charge);

– the vehicle is connected to a power supply ***13***.

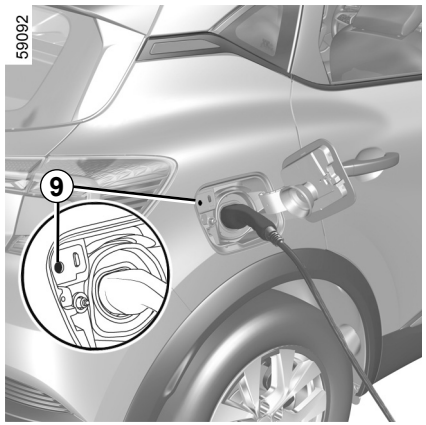
The traction battery charging time depends on the amount of energy remaining and the power delivered by the charging terminal. The information is displayed on the instrument panel during charging ➥ GB.28.

Note: under certain conditions, the actual charging time may be longer than the charging time displayed on the instrument panel. This depends on:

– the quality of the electrical network;
– the initial charge level;
– the exterior temperature is too cold;
– ...

In the event of a problem with the charging cable, we recommend that you replace it with a cable that is identical to the original. Consult an approved dealer.

HYBRID VEHICLE: CHARGING (10/11)



The display on the instrument panel disappears after a few seconds.

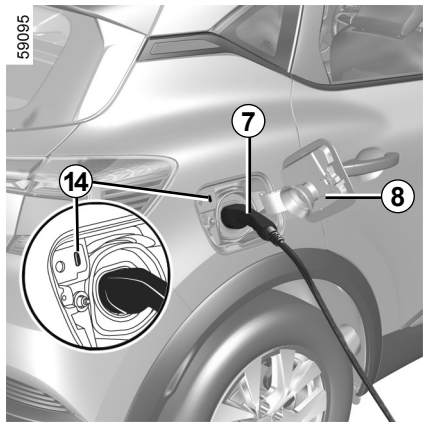
It reappears on the instrument panel when a door is opened.

Once charging is complete, the warning light ***9*** appears continuously in green.

You do not need to wait until the charge is at reserve levels to recharge your vehicle.

Operating fault

If the warning light ***9*** appears continuously in red, please contact an approved dealer.



Precautions to take when removing from the socket

– With the vehicle unlocked, press the switch ***14*** to unlock the vehicle charging lead;

– grab the handle ***7***;

– unplug the charging cord from the vehicle;

It is imperative to follow the unplugging steps in order.

– you must close the cover ***8*** and press to lock it;

– unplug the cord from the power supply;

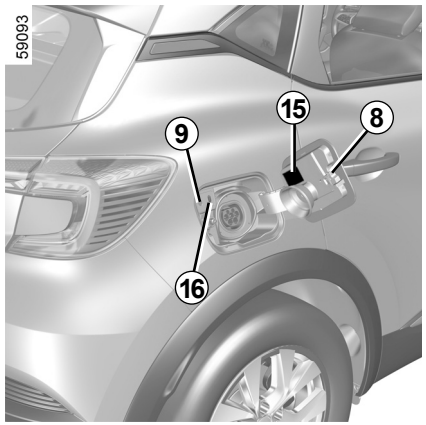
– store the lead in the luggage compartment.

Note: immediately after a long charge of the traction battery, the cable may be hot. Please use the handles.

To avoid disturbing the charging monitoring system, do not install any antistatic strip to the vehicle.

After pressing the charging cable unlocking button, you have 30 seconds to unplug it before it locks again.

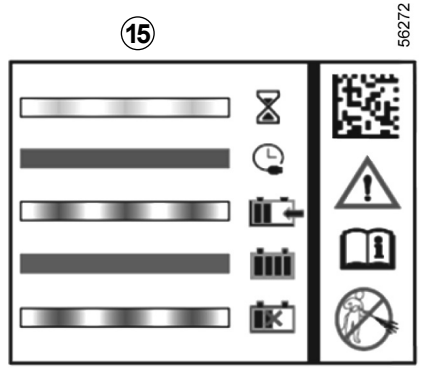
HYBRID VEHICLE: CHARGING (11/11)



Label *15*

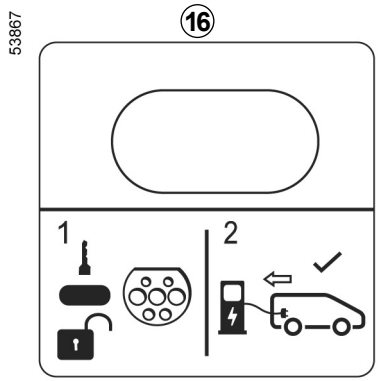
The label ***15*** located on the charging flap ***8*** displays details on how the charging operation is indicated by the status of the warning light ***9***:

– flash in yellow: the lead is plugged into the vehicle and the system carries out its checks;
– flashing in blue: charging is in progress;
– illuminated continuously in blue: charge programming is activated;
– illuminated continuously in green: the vehicle is fully charged;
– flashing in red: operating fault.



The label ***15*** located on the right-hand side reminds you of the following instructions:

– do not wash the charging flap using a high-pressure water jet;
– with the vehicle stationary, the valve and the charging flap can be open;
– when the vehicle is being driven, the valve and the charging flap must be closed;
– open the flap to connect the charging lead;
– close the flap again once disconnected;

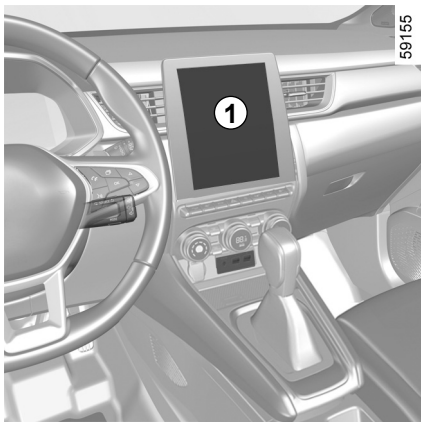


– connect to a domestic socket, an alternating voltage charging terminal or a quick charging terminal;
– for all information on charging, please consult your vehicle user manual.

Label *16*

The label ***16*** located on the charging flap reminds you to unlock the vehicle and then press the switch ***14*** to release the charging lead.

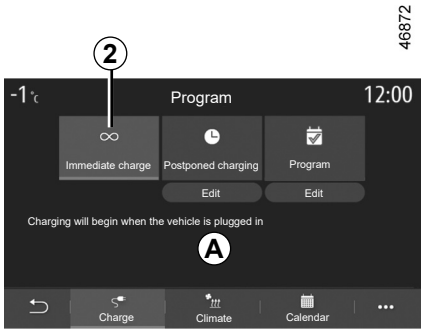
HYBRID VEHICLE: programming charging (1/2)



Charging programming

With the vehicle stationary and the ignition on, from the “Settings” menu on the multimedia screen ***1*** select the “Vehicle” tab, then use the “EV programming” menu to adjust the charging settings for your vehicle.
When the programming is confirmed, the indicator light  lights up on the instrument panel.

Note: charging will start if the ignition is switched off, if the vehicle is connected to a power supply with access authorised and the electronic parking brake is applied.



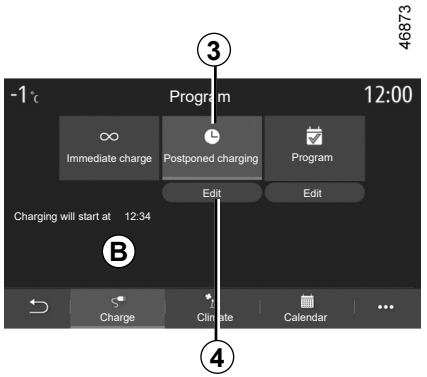
“Immediate charging” *2*

With the vehicle connected to a power supply, charging starts.

Area ***A*** informs you that “Immediate charging” is activated.

Note: you can deactivate this option by pressing OFF.

Please refer to the multimedia instructions for further information.



“Postponed charging” *3*

You can programme the start time for charging.

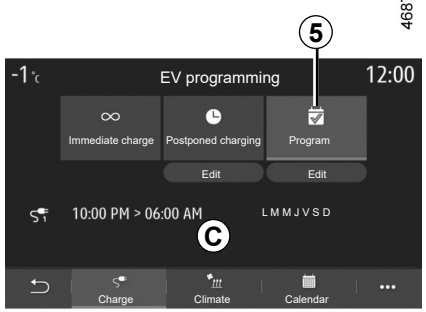
Press “Edit” ***4*** to open the settings to set the start time for charging.

Set the start time for charging then press “Close” to confirm.

Area ***B*** shows the time programmed for charging to start.

With the vehicle connected to a power source and the ignition switched off, charging starts at the scheduled time.

HYBRID VEHICLE: programming charging (2/2)

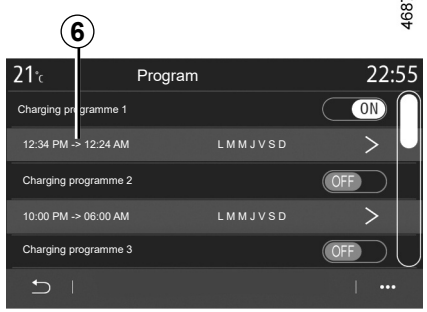


“Program” *5*

You can save several programmed charging times per week.

Select the programme time ***6*** that you wish to change to access the settings.

You can disable one of your saved programmes by pressing “OFF".



Set the charging start and end times as well as the days to which these times will apply. Press “Close” to confirm.

Note: if the start and end times are identical, the charging period is 24 hours. You cannot confirm a charging programme if you do not select a day of the week.



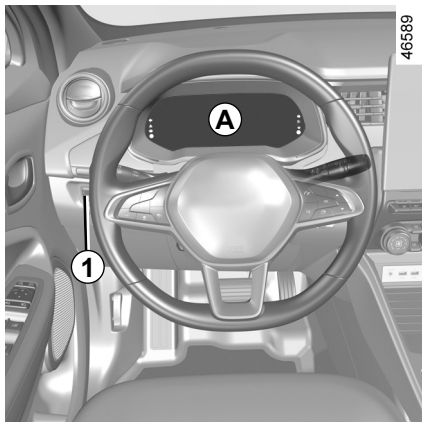
Programmed times are displayed in area ***C***.

With the vehicle connected to a power source and the ignition switched off, charging starts at the scheduled time.

For safety reasons, carry out these operations when the vehicle is stationary.

WARNING LIGHTS (1/2)

The presence and operation of the warning lights DEPEND ON THE EQUIPMENT AND COUNTRY.



Instrument panel *A*: this comes on when the driver's door is opened.

Press or lift the ***1*** switch as many times as required to adjust the intensity.

Electrotechnical system warning light

It appears when the temperature of the electrical assembly is too high. Stop the vehicle without switching off the ignition. The temperature should lower and the warning light should disappear. If this is not the case, please consult an Authorised Dealer.

The warning light can lead to a drop in vehicle performance.

Traction battery gauge indicator light

This appears in yellow when the traction battery charge level has reached the reserve threshold.

The STOP warning light requires you to stop immediately, for your own safety, as soon as traffic conditions allow. Switch off the engine and do not restart it. Call an approved Dealer.

Traction battery fault warning light

When it appears, accompanied by the warning light, this indicates a fault related to the operation of the traction battery. Contact your approved Dealer straight away.

Secondary 12 V battery charge warning light

This lights up when the ignition is switched on and goes out after a few seconds.

When it comes on the road, accompanied by the STOP warning light and a beep, this indicates an overload or discharge in the electrical circuit.

Stop as soon as traffic conditions allow and contact an approved Dealer.

Warning light means you should drive **very carefully to an authorised dealer as soon as possible**. Failing to follow this recommendation may result in damage to your vehicle.

WARNING LIGHTS (2/2)

The presence and operation of the warning lights DEPEND ON THE EQUIPMENT AND COUNTRY.



Charging programming warning light ➥ GB.24



Air conditioning programming indicator ➥ GB.54



Electric operating mode warning light

It is displayed when only the traction battery is powering movement of the vehicle.



Charging cord plugged in warning light

This comes on when the charging cord is plugged into the vehicle.



Pedestrian horn fault warning light



Electrotechnical system fault warning light

When it comes on, this indicates an electrotechnical fault related to the electrical assembly (traction battery and electric motor). Contact your approved Dealer straight away.



Electric motor fault warning light

When it comes on, this indicates a fault with the electrotechnical system linked to the electric motor. Contact your approved Dealer straight away.

Note: If you are towing a trailer from 300 kg, it is strongly recommended that you charge the traction battery and engage “E-save” mode from the outset, especially if you experience a rough road profile.



If no lights or sounds are apparent, this indicates a fault in the instrument panel. This indicates that it is essential to stop immediately (as soon as traffic conditions allow). Ensure that the vehicle is correctly immobilised and contact an approved Dealer.

DISPLAYS AND INDICATORS (1/4)



Instrument panel *A*

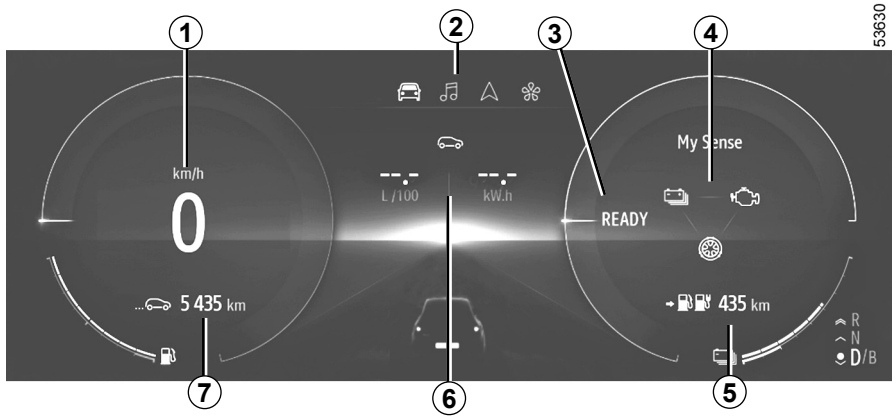
lights up when the driver's door is opened. In some cases, the appearance of a warning light is accompanied by a message.

Speedometer *1*

Multimedia information *2*

Depending on the vehicle, you can display information from the multimedia screen (the compass, telephone, navigation etc.).

Please refer to the multimedia instructions for further information.



Message indicating vehicle ready for driving *3*

The message **READY** appears when the ignition is switched-on and disappears when the vehicle speed exceeds 3 mph (5 km/h).

Traction mode indicator *4*

Depending on the driving mode selected, these warning lights indicate energy flows between:

– the electrical assembly, with the traction battery and electric motor;

– the combustion engine;

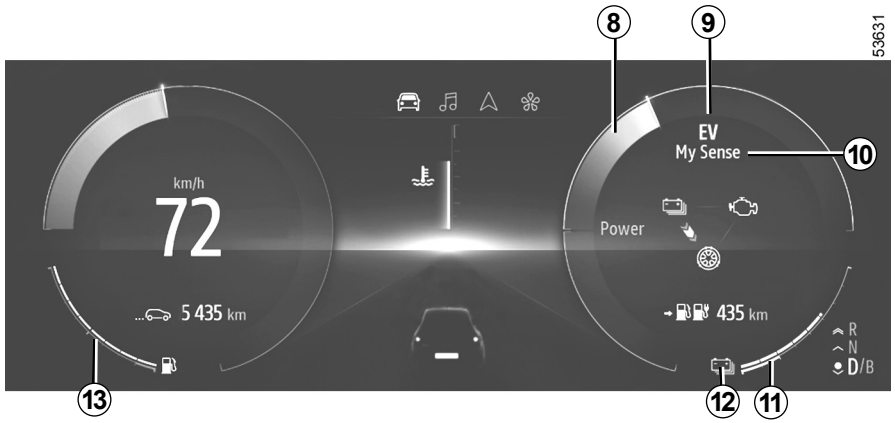
– the wheels.

Estimated range combining electrical energy and combustion energy *5*

Trip computer *6*

Total mileage recorder *7*

DISPLAYS AND INDICATORS (2/4)



Charge meter *8* ➥ GB.45

Electric operating mode warning light *9*

It is displayed when only the traction battery is powering movement of the vehicle.

Driving mode selected *10*

Battery level remaining *11*
If the level indicator is blue, the vehicle is sufficiently charged for the traction battery to be used as the main power supply. If the level indicator is white: the vehicle is maintaining the traction battery charging using the combustion engine.

Traction battery level low *12*

In the event of extreme use at low speed, the traction battery charge may drop to a low level.

The ***12*** warning light is displayed in yellow to warn you. The electric motor performance will be limited to ensure that the hybrid system operates correctly, until the battery charge level becomes sufficient.

Immobilisation threshold imminent

In the event of extreme and prolonged use of the vehicle (e.g. towing or driving in steep off-road conditions) at speeds below 6 mph (10 km/h), the charge level may reach the threshold for imminent immobilisation. A beep sounds and the warning light ***12*** appears in red.

If the charge level continues to drop, the electric range value will no longer be displayed.

If possible, stop the vehicle when traffic conditions allow it. Leave the combustion engine on until the warning lights disappear. This must be done to recharge the traction battery.

DISPLAYS AND INDICATORS (3/4)



Fuel gauge *13*

If the level is at the minimum, warning light integrated in the indicator comes on orange, accompanied by a beep. Fill the tank as soon as possible, whatever the remaining traction battery level.

Vehicle performance will be reduced if the fuel tank level drops too low. If the fuel tank is empty, fill it with at least 1.76 gal (8 litres). Otherwise the hybrid mode will remain unavailable.

Remaining charge time *14*

Traction battery charge percentage *15*

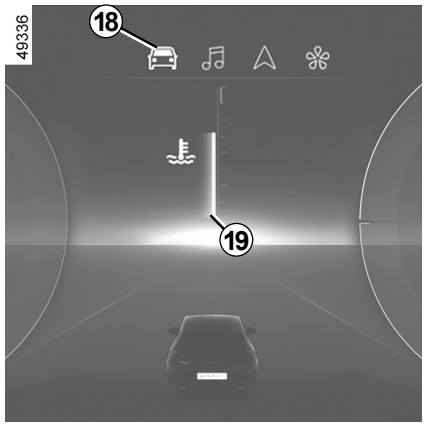
Charge level *16*

The gauge indicates the level of energy remaining.

Charging cord “Plugged In” warning light *17*

This comes on when the charging cord is plugged into the vehicle.

DISPLAYS AND INDICATORS (4/4)



Combustion engine temperature display

The temperature of the combustion engine ***19*** can be consulted via the “Vehicle” tab ***18***.



To do this, select the “Vehicle” tab ***18*** by tapping switch ***20*** as many times as necessary, then tap switch ***21*** or ***22*** to read the engine temperature.

TRIP COMPUTER: journey parameters

The display of information shown below DEPENDS ON THE VEHICLE EQUIPMENT AND COUNTRY.

Examples of selections	Interpreting the display selected
Consumption	**a) Trip settings.**
+ 42 kW	**Current energy consumption.**
3,8 kWh/100	**Average energy consumption**. The value is displayed after having travelled at least 400 metres since the last reset.

TRIP COMPUTER AND WARNING SYSTEM: information messages

These can help in the vehicle starting phase, or give information about a selection or a driving status.
Examples of information messages are given in the following pages.

Examples of messages	Interpreting the display selected
“Disconnect cable to start”	Indicates that the charging cord is still plugged into the vehicle.
“ Earth isulation not appropriate **“**	Indicates a fault in the earthing of the charging terminal ➥ GB.13: have the electrical system checked by a qualified professional.
“Check connections”	Unplug, then plug in the vehicle. If the message still shows, this may be caused by the external charging conditions or by the home installation.
“Check charging station”	Indicates a possible electrical fault or a defective charging cable: change the charging terminal or location or have the cable checked.
“Power cut while charging”	Indicates an electrical fault while charging. Restart charging. If this does not work, have the electrical installation checked.

TRIP COMPUTER AND WARNING SYSTEM: operating fault messages

These appear with the warning light to inform you that you should drive very carefully to an approved dealer as soon as possible. If you fail to follow this recommendation, you risk damaging your vehicle.
They disappear when the display selection key is pressed or after several seconds and are stored in the computer log. The warning light stays on. Examples of operating fault messages are given in the following pages.

Examples of messages	Interpreting the display selected
«Check Vehicle plug»	Indicates overheating at the vehicle-side charging socket. Wait for approximately 20 minutes then try again. If this does not work, contact an approved dealer.
«Check Electric System»	Indicates a fault in the traction system.
«Battery charging impossible»	Indicates a fault on the traction battery recharge system.

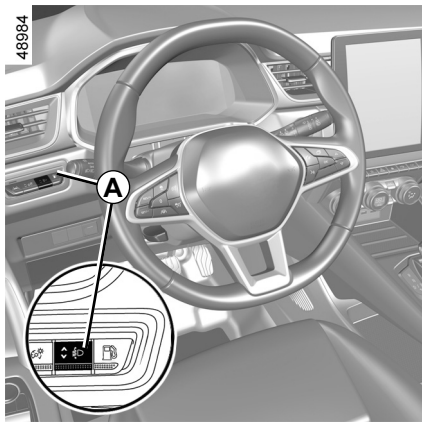
TRIP COMPUTER: warning messages

These appear with the STOP warning light and require you to stop immediately, for your own safety, as soon as traffic conditions allow. Switch off the ignition and do not switch it on again. Call an approved Dealer.
Some examples of warning messages are given below.

Note: the messages appear on the display either individually or alternately (when there are several messages to be displayed), and may be accompanied by a warning light and/or a beep.

Examples of messages	Interpreting the display selected
“Electric motor failure”	Indicates that the vehicle is losing power.
“WARNING: Electric System”	Indicates a fault in the electric system.

HEADLIGHT BEAM ADJUSTMENT



Switch ***A*** is used to adjust the height of the headlight beams according to the load.

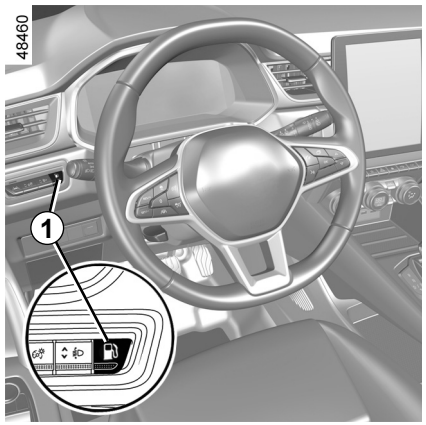
With the dipped beam headlights lit, press or lift switch ***A*** as many times as is necessary to select the required position on the instrument panel.

Note: depending on the vehicle, each time the ignition is switched on, the position selected is displayed on the instrument panel for approximately 30 seconds and for approximately 5 seconds each time switch ***A*** is pressed.

	Examples of positions for adjusting control *A* according to the load
Driver alone or with front passenger	0
All seats occupied	1
Driver with passengers and luggage (or load) reaching the maximum permissible all-up weight	2
Driver without passengers and luggage (or load) reaching the maximum permissible all-up weight	4

The table below gives some examples. In all cases, adjust control ***A*** according to the vehicle load so that the road can be seen and other drivers are not dazzled.

FUEL TANK (1/4)



Useable tank capacity:

– **39 litres** approximately.

Your rechargeable hybrid vehicle is equipped with a specific tank to limit petrol vapour fumes and to prevent any release when the cap is opened.

To unlock the cover ***2***, with the vehicle stopped and ignition off, press the switch ***1***.

The internal pressure of the tank is automatically compensated. The message “Preparation for Filling Tank” appears on the instrument panel.



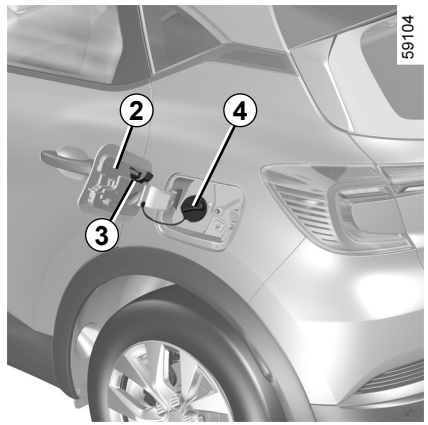
Opening of the cover ***2*** may take at least ten seconds.

The message “Ready for Filling Tank” appears on the instrument panel to confirm opening of the cover ***2***.

Unscrew the cap ***4***.

During filling, use the cap holder ***3*** on the cover ***2*** to hold the cap ***4*** in place.

For details on filling the fuel tank, refer to the information on “Filling up with fuel”.



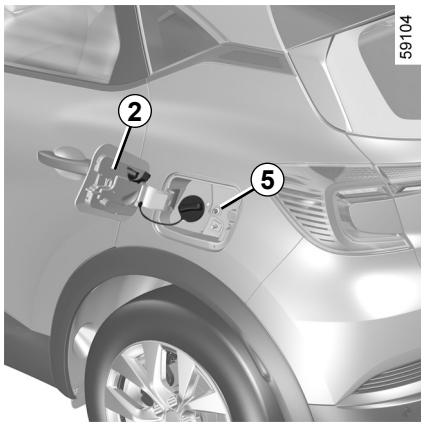
To close the cap, screw it until the lock clicks.

To close the flap, press the cover with your hand, as far as it will go.

If you drive with the flap open, the warning message “Fuel Flap Open” appears on the instrument panel.

Check that the cap is closed correctly and close the cover.

FUEL TANK (2/4)



Note: if the flap ***2*** is no longer locked, check that the actuator ***5*** is not depressed. In this case, to unlock it, press the switch ***1*** for more than three seconds. The actuator will be released from its housing. To close it, press on the fuel filler flap by hand, as far as it will go.



If the fuel vapour management system encounters a fault, the warning message “Tank failure see manual” appears on the instrument panel and the cover ***2*** remains locked.

Consult an approved dealer.

Note: approximately five hours after stopping the ignition, the vehicle may make noises for several minutes. The fuel vapour management system carries out self-diagnosis.

Do not mix petrol with diesel, even in small quantities.
Do not use ethanol-based fuel if your vehicle is not compatible with this fuel.
Do not add anything to the fuel (additive, reagent etc.) to prevent the risk of damaging the combustion engine.

Filler cap: this is specific.

If you have to replace it, make sure it is identical to the original cap. Contact an approved Dealer.
Never place the cap near a source of heat or flame.

Do not wash the filler area with a high-pressure washer.

FUEL TANK (3/4)

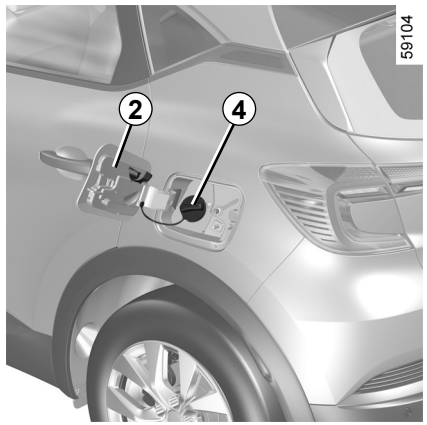
Fuel grade

Use a high-grade fuel that complies with the legislation in force in each country. It **must** comply with the specifications given on the label on the cover ***2***.

It is **essential** to use unleaded petrol. The octane rating (RON) must conform to the values indicated on the label located on the cover ***2***.

Using leaded petrol will damage the antipollution system and may lead to a loss of warranty.

To ensure that the fuel tank is not filled with leaded petrol, the fuel tank filler neck contains a restrictor fitted with a foolproof system which **only allows the nozzle for unleaded petrol to be used** (at the pump).



Filling with fuel

To prevent splashing, fill your tank within a period of 30 minutes after opening the flap. After this time period, close the cap ***4*** and cover ***2***, then restart the tank opening procedure.

To fill up with fuel, the combustion engine must be stopped (and not in standby): you must switch off the ignition by pressing the start button ***4***.

With the ignition off, insert the nozzle and insert it **fully** before turning it on to fill the fuel tank (risk of splashing).

Keep the nozzle in this position throughout the entire filling operation.
When the pump cuts out automatically at the end of the filling procedure, a maximum of two further filling attempts may be made, as there must be sufficient space in the fuel tank to allow for expansion.

Make sure that no water enters the fuel tank during filling. The cover ***2*** and its surround must remain clean.

Fuel types that conform to European standards with which the combustion engines of vehicles sold in Europe are compatible: refer to Section 6 of the vehicle user manual.

FUEL TANK (4/4)

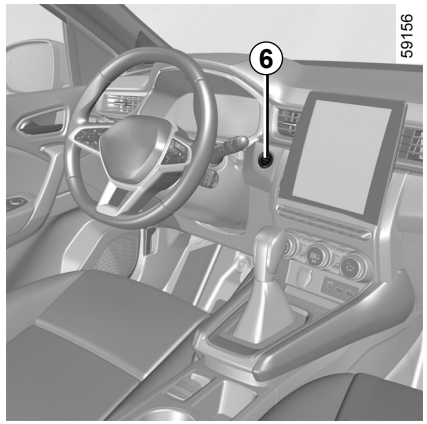
Special case

Depending on vehicle usage, if the combustion engine does not start for a long time, the fuel quality is likely to degrade, which may result in damage to the engine components and the fuel supply system.

When using the vehicle, if a refill of at least 2.19 gal (10 litres) is not carried out at least once every three months, the combustion engine will start automatically to prevent the fuel from degrading. The message “Old fuel Fill 10 L mini” will then appear on the instrument panel.

Please drive the vehicle for a period long enough to reduce the fuel level by roughly half of the tank before performing a top-up of at least 2.19 gal (10 litres).

Do not recharge your vehicle, allow driving in hybrid mode. This will facilitate fuel consumption to enable you to top up.



If after having topped up with at least 2.19 gal (10 litres) of fuel, the message “Old fuel Fill 10 L mini” still appears, turn off the ignition then turn it on again. The message should disappear.

To fill up with fuel, the combustion engine must be stopped (and not in standby): you must switch off the ignition by pressing the start button ***6***.

No modifications whatsoever are permitted on any part of the fuel supply system (electronic units, wiring, fuel circuit, injectors, protective covers, etc.) as this may be dangerous (unless undertaken by qualified Network personnel).

Persistent fuel odour

If you notice a persistent fuel odour you should:

– stop the vehicle as soon as traffic conditions allow and switch off the ignition;

– switch on the hazard warning lights and ask your passengers to leave the vehicle and stay clear of the traffic;

– contact an approved Dealer.

PVSE23E2

STARTING, STOPPING THE HYBRID SYSTEM (1/4)

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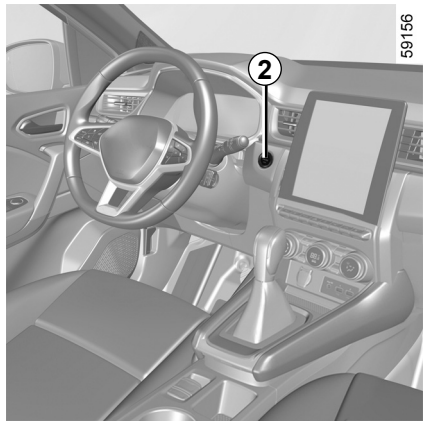
Switching on

To switch on the ignition, the card must be positioned in the detection area ***1***.

– Press the brake pedal;
– press button ***2***. The message **READY** comes on, on the instrument panel, along with a beep.

The message disappears when the vehicle speed is above approximately 3.1 mph (5 km/h).

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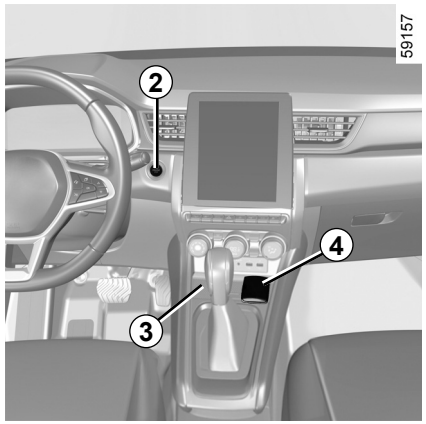


Special features

– If one of the starting conditions is not applied, the message “Press Brake + START” is displayed on the instrument panel;
– in some cases, it will be necessary to move the steering wheel whilst pressing the start button ***2*** to help unlock the steering column; the message “Turn Steering Wheel + START” will alert you.

The vehicle ignition can only be switched on if the charging lead is disconnected from the vehicle.

STARTING, STOPPING THE HYBRID SYSTEM (2/4)



"Hands-free" starting with the tailgate open

In this case, the card should not be located in the luggage compartment, to prevent the risk of loss.

Accessories function

Once you have gained access to your vehicle, you may use some of its functions (radio, navigation, wipers, etc.).

To use the other functions, with the card in the passenger compartment, press the ***2*** button without pressing the pedals.

Operating faults

In certain cases, the hands-free card may not work:

– the card battery is flat, the secondary "12 V" battery is discharged etc;

– near to appliances operating on the same frequency as the card (monitor, mobile phone, video game etc.);

– vehicle located in a high electromagnetic radiation zone.

The message "Place card on zone + START" appears on the instrument panel.

Press the brake pedal, then place the card ***4*** (button side) on the placement area ***3***. Press button ***2*** to switch on the vehicle ignition. The message goes out.

Driver's responsibility when parking or stopping the vehicle

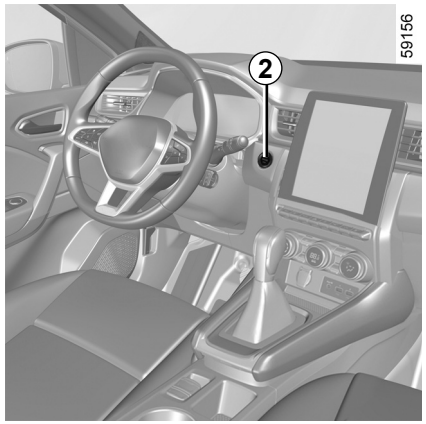
Never leave an animal, child or adult who is not self-sufficient alone in your vehicle, even for a short time.

They may pose a risk to themselves or to others by starting the engine, activating equipment such as the electric windows or locking the doors, for example.

Also, in hot and/or sunny weather, please remember that the temperature inside the passenger compartment increases very quickly.

RISK OF DEATH OR SERIOUS INJURY.

STARTING, STOPPING THE HYBRID SYSTEM (3/4)



Stopping the hybrid system

The vehicle must be at a standstill.

After pressing button ***2***: the ignition is switched off, the **READY** message disappears from the instrument panel, the electronic parking brake is applied and the automatic gearbox is set to **P** position. The steering column is locked when the driver's door is opened or the vehicle is locked.

If the card is no longer in the passenger compartment when you try to switch off the ignition, the “Keycard absent : press/hold START” message appears on the instrument panel: press button ***2*** for longer than two seconds.

Once the ignition is switched off, any accessories being used (radio etc.) will continue to function for approximately 10 minutes.

When the driver’s door is opened, the accessories stop working.

While the vehicle is stationary, in the interests of safety, the combustion engine is disabled if:

– the bonnet is open;

– a door is open;

– the driver’s seatbelt is not fastened.

Never switch off the ignition before the vehicle has stopped completely. Once the ignition is switched off, driving aids (for braking, steering etc.) and passive safety devices such as airbags and pretensioners will no longer function.

PVSE23E2

STARTING, STOPPING THE HYBRID SYSTEM (4/4)

Driver's responsibility when parking or stopping the vehicle

Never leave an animal, child or adult who is not self-sufficient alone in your vehicle, even for a short time.

They may pose a risk to themselves or to others by starting the engine, activating equipment such as the electric windows or locking the doors, for example.

Also, in hot and/or sunny weather, please remember that the temperature inside the passenger compartment increases very quickly.

RISK OF DEATH OR SERIOUS INJURY.

In order to preserve the 12 V battery, the engine unit will switch off automatically after approximately 15 minutes of the vehicle remaining stationary, as long as the driver's seat belt has not been fastened and the engine has not already been stopped manually using the ***2*** button.

If necessary, you can restart the engine by pressing the ***2*** button once.

DRIVING ADVICE, ECO-DRIVING (1/2)

Consumption in real time depends on vehicle usage conditions, equipment fitted and the user's driving style.

To optimise fuel consumption, please refer to the following advice.

Depending on the vehicle, you will be provided with functions which enable you to lower the energy consumption:

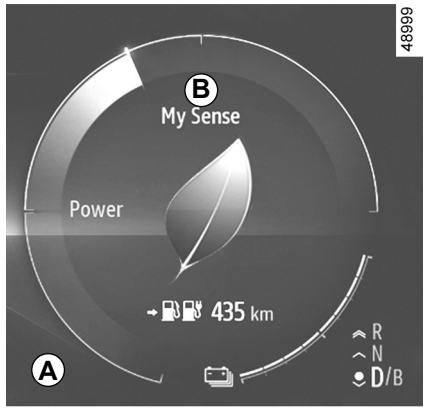
– charge meter;

– the driving style indicator;

– the journey record and eco-driving advice via the multimedia screen;

– "Pure" driving mode ➥ GB.52.

The presence and display of this information depends on the type of ambient setting selected.



Charge meter

(on the instrument panel)

The charge meter gives the driver a real-time view of the vehicle's energy consumption.

Blue "Energy recovery" *A* usage zone

During driving, if you lift your foot off the accelerator pedal or press the brake pedal, the electric motor generates electrical current during deceleration and this energy is used to slow down the vehicle and recharge the traction battery.

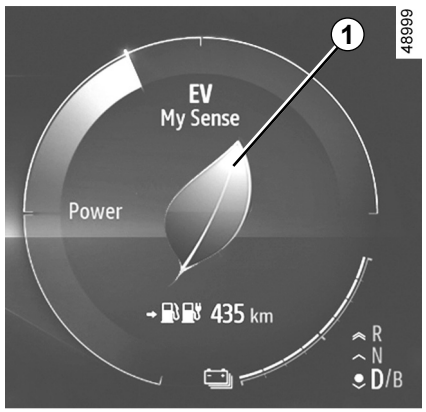
"Energy consumption" *B* use area

The colour of the charge meter varies:

– **in green:** limited energy consumption recommended zone. In all-electric or hybrid mode, the traction battery and/or the combustion engine supply the energy required to move the vehicle.
This is the ECO zone;

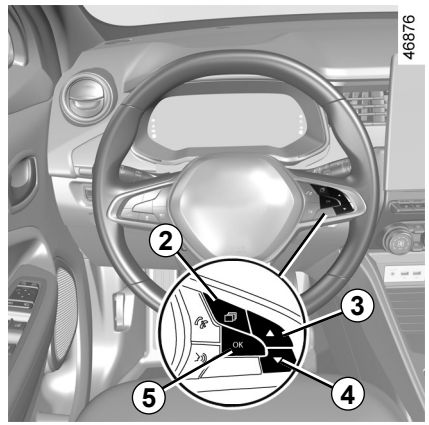
– **in white:** high energy consumption zone.

DRIVING ADVICE, ECO-DRIVING (2/2)



Driving style indicator

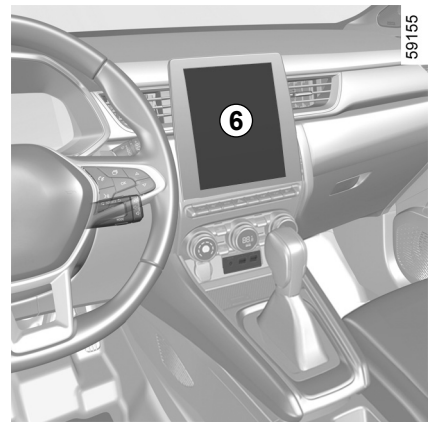
Informs you about the driving style adopted in real time. This is shown by indicator light ***1***.
The more petals displayed on ***1***, the more your driving is flexible and economical.
If you regularly monitor this indicator, you will be able to reduce your vehicle's consumption.
To **activate/deactivate** the driving style indicator, press switch ***2*** as many times as required to reach the “MULTI-SENSE” tab.



Press the ***3*** or ***4*** switch repeatedly to access the indicator menu, then confirm by pressing ***5*** “OK”.

Journey log (Driving ECO² Score)

On vehicles equipped with this feature, a “Journey Record” is displayed on the multimedia screen ***6*** once the ignition is switched off. This record shows the information relating to your last journey:
– average energy consumption;



– number of miles/kilometres travelled;
– an overall grade taking into account acceleration, braking anticipation and your skill in managing speed;
– advice to enable you to improve your rating.

For more information, refer to the equipment user guide.

Navigation system

Use the information available on your navigation system (traffic information, nearest charging station etc.) to simplify your journey.

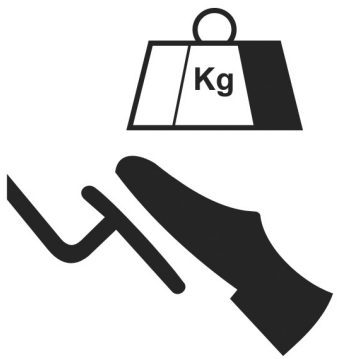
VEHICLE RANGE: advice (1/2)

In real-time usage conditions, the range of a vehicle operating in electric mode may vary according to several factors over which you have partial control – potentially making a considerable difference to the vehicle range. These factors are:
– speed and driving style;
– type of road;
– heating level;
– tyres;
– use of electrical accessories;
– vehicle loading.

Speed and driving style

High speeds will reduce your vehicle's range.

34630



A "sporty" driving style reduces your vehicle range: opt for a "lighter" driving style.

Advice:

– drive at a constant speed;
– keep an eye on the tools available to you to view the road conditions (charge meter, current consumption, journey record, etc.);

59096



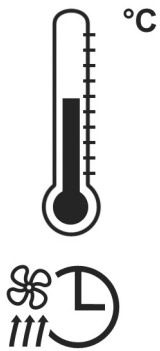
– adapt your driving style to avoid excessive energy consumption;
– favour power recovery: anticipate traffic changes by lifting your foot off the accelerator pedal or by braking gradually.

Road type

Do not try to maintain the same speed up a hill, accelerate no more than you would on the level. Keep your foot in the same position on the accelerator pedal.

VEHICLE RANGE: advice (2/2)

34629



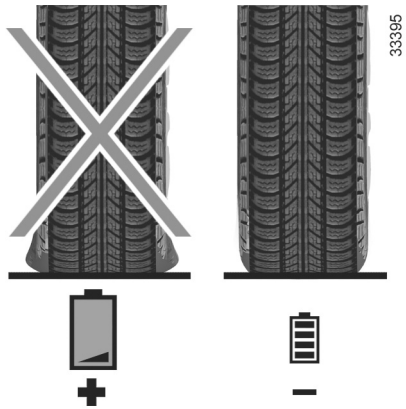
Heating levels

The use of heating or air-conditioning reduces vehicle range.
To maintain your vehicle range, we recommend that you select the “programming” mode before using the vehicle. Please refer to the next section.

Vehicle loading

Avoid pointlessly overloading your vehicle.

33395



Tyres

An under-inflated tyre increases energy consumption. Comply with the specified tyre pressures for your vehicle.
When driving, use tyres made by the same manufacturer, with the same dimensions, type and structure as the original tyres. The use of non-regulation tyres significantly reduces vehicle range.

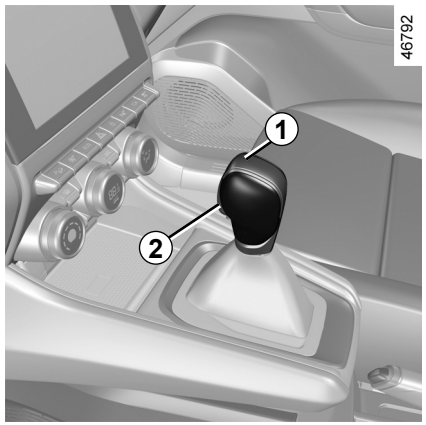
Recommendations for optimising battery performance

As for any rechargeable battery, the traction battery performance (range in electric mode) progressively diminishes according to how it is used and the environmental conditions.

You can slow down this reduction in performance by observing the following:

– Avoid parking the vehicle in locations where the temperature is very high (e.g. exposed in the sun) while the battery is fully charged;
– Avoid sudden acceleration or braking while in electric mode;
– Leave the battery sufficiently charged (charge level indicator in white ➥ GB.28) when not using the vehicle over a long period.

AUTOMATIC TRANSMISSION (1/3)

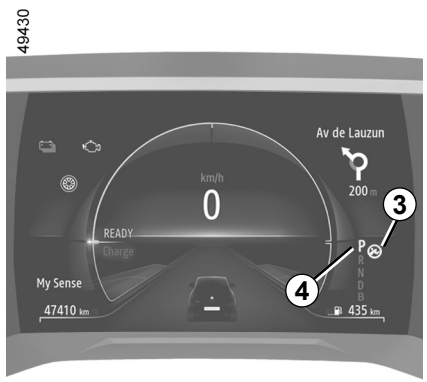


Selector lever *1*

P: park
R: reverse
N: Neutral
D: automatic mode
B : forward gear with increased regenerative braking

The ***4*** display on the instrument panel indicates the gear lever position engaged ***1***.

Note: press the ***2*** button to:
– exit position **P**;
– switch from position **D**, **B** or **N** to **R** or **P**;
– switch from position **D** to **B**.



Operation

While the vehicle is stationary, set the gear selector ***1*** to **P** and start the vehicle. The message READY comes on, on the instrument panel.

To move out of position **P**, you must depress the brake pedal before pressing the unlocking button ***2***.

With your foot on the brake pedal (warning light ***3*** on the display goes out), move the lever out of position **P**.

Only engage D or R when the vehicle is stopped, with your foot on the brake and the accelerator pedal released.

The READY warning light displayed on the instrument panel indicates that the hybrid system is operating and ready for driving ➥ GB.41.

AUTOMATIC TRANSMISSION (2/3)

Driving in automatic mode

Put lever ***1*** into position **D**.

In most road conditions you will encounter, you will not need to touch your lever again: the gears will change automatically at the right time and at the most suitable engine speed because the automatic system takes into account the vehicle load and road contour and adjusts itself to the particular driving style you have chosen.

Economical driving

When driving, always leave the lever in position **D**, keeping the accelerator pedal lightly depressed to ensure automatic gear changes at a lower engine speed.

Accelerating and overtaking

Depress the accelerator pedal firmly and fully (so that it goes beyond the kickdown point).

This will enable you to change down to the optimum gear within the engine range.

Driving in mode B

This mode enables driving with greater regenerative engine braking. When releasing the accelerator pedal, the vehicle uses regenerative braking to slow down.

Thus the electric motor generates a higher electrical current which enables the traction battery to be recharged.

In **B** mode, the regenerative braking will be reduced if the accumulator is cold or completely charged.

The engine brake should under no circumstances be used as a substitute for the brake pedal.

Special cases

In certain driving conditions (resulting in, for example, engine protection, operation of the Electronic Stability Control programme: ESC etc.) the automated system may change the gear automatically.

To avoid the engine stalling in very cold weather, wait a few seconds before disengaging position **P** or **N** and engaging the lever in position **D**, **R** or **B**.

For safety reasons, do not switch off the ignition before the vehicle has come to a complete standstill.

Check that the indicator light **P** on the instrument panel is activated before leaving the vehicle.

Risk of loss of immobilisation of the vehicle.

AUTOMATIC TRANSMISSION (3/3)

Parking the vehicle

When the vehicle is stopped, move the lever to position **P** while keeping your foot on the brake pedal: the gearbox is in neutral and the drive wheels are mechanically locked by the driveshaft.
Ensure that the electronic parking brake is engaged.

In the event of an impact to the underside of the vehicle (e.g.: striking a post, raised kerb or other street furniture), this may result in damage to the vehicle (e.g.: twisted axle), the electrical circuit or the traction battery.
Do not touch the circuit elements or any fluids or liquids.
To prevent any risk of accident, have your vehicle checked by an authorised dealer.

Risk of serious injury or electric shock and risk to life.

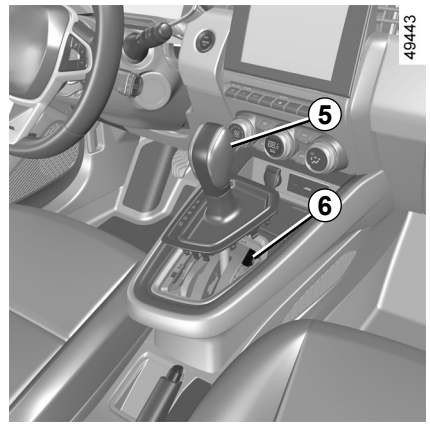
Maintenance period

Refer to the maintenance document for your vehicle or consult an Approved Dealer to check whether the automatic gearbox requires scheduled maintenance.
If it does not need to be serviced, there is no need to top up the oil.

Operating faults

– **When driving**, if the “WARNING: Check Gearbox” message appears on the instrument panel, it indicates a fault. Contact your Approved Dealer as soon as possible;
– **when driving,** if the message “WARNING: Gearbox Overheating” appears on the instrument panel, stop as soon as possible to let the gearbox cool down and wait for the message to disappear;
– **breakdown recovery of a vehicle fitted with an automatic gearbox** ➥ GB.66.

P position must only be engaged when the vehicle is stationary.



When setting off, if the lever is stuck in **P** when you press the brake pedal (e.g. battery fault), it is possible to manually release the lever to unblock the drive wheels. To do this, unclip the base of the gaiter and press the ***5*** push button while simultaneously pressing the ***6*** button on the lever to unlock the lever and shift to position **N**.

Contact an authorised dealer as soon as possible.

MULTI-SENSE (1/2)

Use the “MULTI-SENSE” system to choose between three driving modes that can be used to control driving, ambient settings and comfort (depending on the vehicle):

– the “Pure” and “Sport” modes are preconfigured and can be partially customised (ambient lighting etc.) ;

– the “My Sense” mode is customisable.

The drive modes affect the:

– choosing the traction mode;

– power-assisted steering;

– Electronic Stability Program;

– the response of the engine and gearbox.

They also affect the:

– the lighting in the passenger compartment and of the instrument panel;

– the information on the instrument panel and multimedia screen.

Engine settings are specific to each of the driving modes and cannot be customised.

“My Sense” mode

My Sense is the hybrid driving mode. Depending on the driving type and the battery level, this mode uses the electric motor and the combustion engine, prioritising the use of the traction battery to move the vehicle. The combustion engine may also start in order to maintain the battery charge level.

“Sport” mode

This mode enables an increased responsiveness from the engine and the gearbox. Depending on the driving type, the electric motor and the combustion engine operate together to ensure the best possible performance. Pedal responsiveness is increased and the steering is firmer.

Maintaining the traction battery charge level: “E-save”

Available from your multimedia screen in two ways:

– activation/deactivation from the “Vehicle Settings” menu;

– positionable widget on the home page.

This mode enables you to maintain a sufficient charge level in the traction battery in anticipation of a mountain road or a long motorway slope.

In all modes, it is possible to change the colour of the ambient lighting as well as to revert to the default settings.

The format of the information displayed on the instrument panel can be modified only from “My Sense” mode.

You can also reset to the default settings.

MULTI-SENSE (2/2)

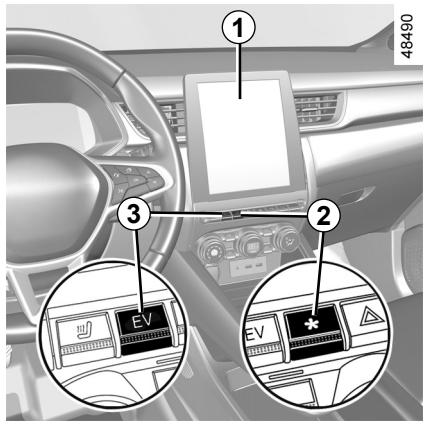
“Pure” mode

Pure mode provides all-electric driving. This mode uses only the electric motor to propel the vehicle.

When the traction battery level is low, the vehicle automatically switches to “My Sense” mode and the combustion engine starts.

“Pure” mode can only be accessed if the traction battery is sufficiently charged. The maximum speed in Pure mode is approx. 78 mph (125 km/h).

At any point, if you press the accelerator pedal firmly (beyond the point of resistance), the combustion engine will provide the best possible acceleration.



Accessing the menu

You can access “MULTI-SENSE”, depending on the vehicle:

– from the multimedia screen ***1***;

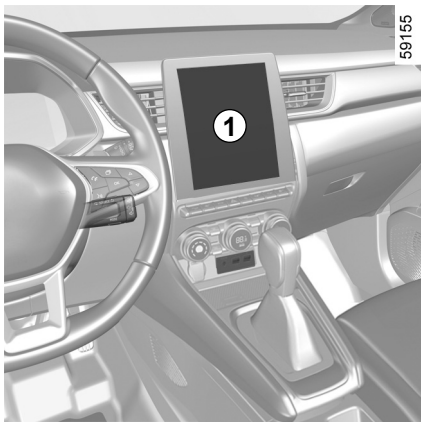
– by pressing the switch ***2***.

Please refer to the multimedia instructions for further information.

You can also directly access “Pure” mode by pressing the switch ***3***.

After the ignition is switched off, the vehicle will always restart in “My Sense” mode.

AIR CONDITIONING: programming (1/2)



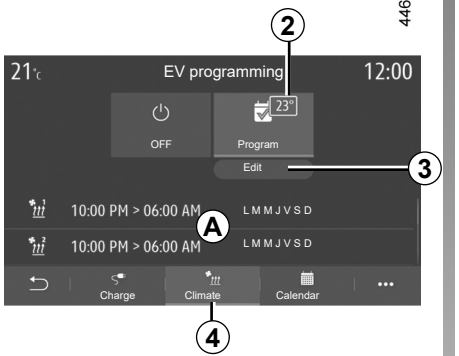
With the ignition on and the vehicle stationary, from the multimedia screen ***1*** select the “Settings” menu, then “Vehicle”, the “EV programming” menu, then the “Climate” tab ***4***.

Setting the start time for the function

Press “Edit” ***3*** to access the comfort settings.

Note:

– to deactivate the “Comfort programs”, press “OFF”;
– the minimum time period between each programme is 2 hours.



You can save several “Comfort programs”.

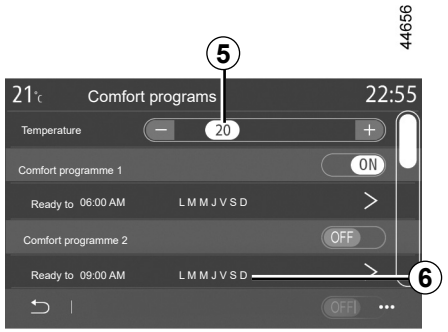
From this menu, you can adjust the temperature ***2*** and activate/deactivate the saved programmes.

Select the programme time ***6*** that you wish to change to access the settings.

Note: the selected temperature is displayed on the menu ***5***.

You can disable one of your saved programmes by pressing OFF.

Programmed times are displayed in area ***A***.



Driver’s responsibility when parking or stopping the vehicle

Never leave an animal, child or adult who is not self-sufficient alone in your vehicle, even for a short time.

In hot and/or sunny weather, please remember that the temperature inside the passenger compartment increases very quickly.

RISK OF DEATH OR SERIOUS INJURY.

AIR CONDITIONING: programming (2/2)

“Programme” activation

Once the vehicle is connected, the function is triggered two hours prior to the set time so that a comfortable temperature is reached.

Warning light  comes on the instrument panel.

Stopping the programmed air conditioning

The air conditioning stops automatically around ten minutes after the set end time.
However, the function can be deactivated if:

– the charging socket is disconnected;

– the traction battery charging level is lower than 20%.

You can program the air conditioning using a smartphone application.

Please refer to the multimedia instructions for further information.

Driver’s responsibility when parking or stopping the vehicle

Never leave an animal, child or adult who is not self-sufficient alone in your vehicle, even for a short time.

In hot and/or sunny weather, please remember that the temperature inside the passenger compartment increases very quickly.

RISK OF DEATH OR SERIOUS INJURY.

PVSE23E2

AIR CONDITIONING: information and operating instructions (1/2)

Advice on use

In some situations (air conditioning off, air recirculation activated, ventilation speed at zero or low etc.), you may notice that condensation starts to form on the windows and windscreen.

If there is condensation, use the **"Clear View"** function to remove it, then use the air conditioning in automatic mode to stop it forming again.

Do not add anything to the vehicle's ventilation circuit (for example, to remove bad odours).

There is a risk of damage or of fire.

Fuel consumption

You will normally notice an increase in fuel consumption (especially in town) when the air conditioning is operating.
For vehicles fitted with air conditioning with no automatic mode, switch off the system when it is not required.

Advice for reducing consumption and helping to preserve the environment
Drive with the air vents open and the windows closed. If the vehicle has been parked in the sun, open the doors for a few moments to let the hot air escape before starting the engine.

Maintenance

Refer to the Maintenance Document for your vehicle for the inspection frequency.

Use the air conditioning system regularly, even in cold weather, running it at least once a month for approximately 5 minutes.

Operating faults

As a general rule, contact your approved dealer in the event of an operating fault.

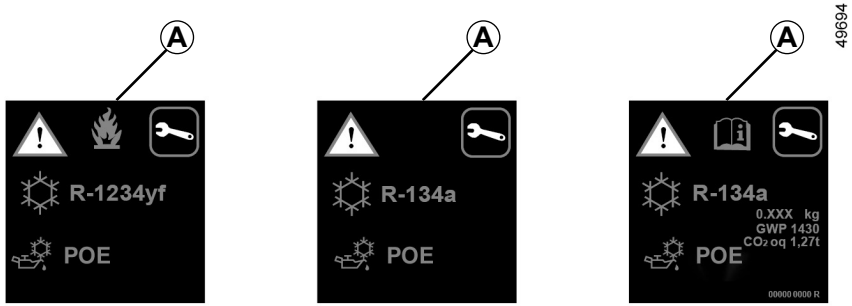
- **Reduction in de-icing, demisting or air conditioning performance.** This may be caused by the passenger compartment filter cartridge becoming clogged.
- **No cold air is being produced**. Check that the controls are set correctly and that the fuses are sound. Otherwise, switch off the system.

Presence of water under the vehicle

After prolonged use of the air conditioning system, it is normal for water to be present under the vehicle. This is caused by condensation.

Do not open the refrigerant circuit. The fluid may damage eyes or skin.

AIR CONDITIONING: information and operating instructions (2/2)



The refrigerant fluid circuit (of which some components are hermetically sealed) may contain fluorinated greenhouse gases.

Depending on the vehicle, you will find the following information on label ***A*** affixed inside the engine compartment.

The presence and location of the information on label ***A*** depends on the vehicle.

Do not open the refrigerant circuit. The fluid may damage eyes or skin.

Before carrying out any action in the engine compartment, you must switch off the ignition ➥ GB.41.

Type of refrigerant fluid

Type of oil in the air conditioning circuit

Inflammable product

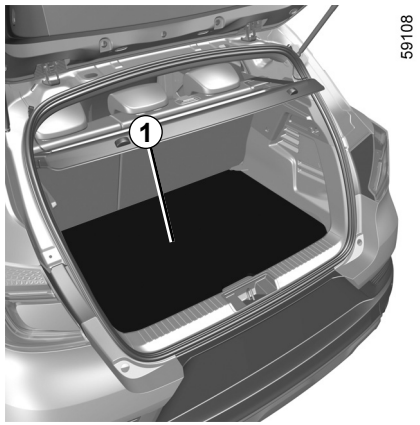
Consult the driver's handbook

Maintenance

x.xxx kg	Quantity of refrigerant fluid present in the vehicle.
GWP xxxxx	Global Warming Potential (CO2 equivalent).
CO2 eq x.xx t	Quantity in weight and in CO2 equivalent.

PVSE23E2

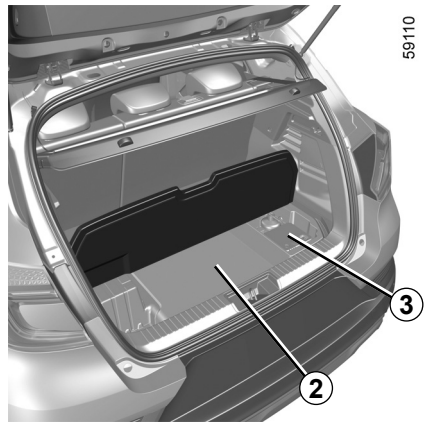
LUGGAGE COMPARTMENT STORAGE



Mobile floor

Flat position *1*

Enables you to flatten the floor by folding down the back of the rear bench seat and to compartmentalise the boot into two distinct spaces.



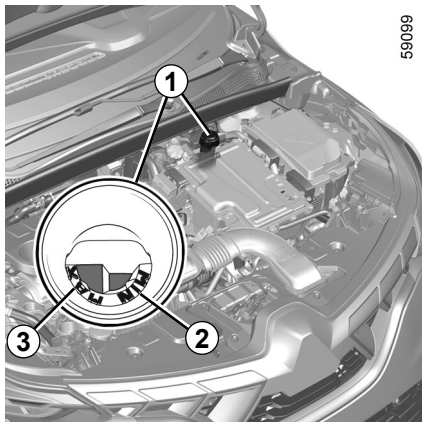
Storage compartments

2 Storage space for charging cables. The maximum load for this storage space is 40 kg.

3 Inflation kit.

Moving the sliding rear bench seat is only possible from the rear seats. For more information, please refer to Section 3 of your vehicle user manual.

LEVEL: electric traction system coolant



59099

Electric traction system coolant

This system is different to that of the combustion engine. It is used to cool the traction battery and the electric motor.

For information on other levels in your vehicle, please see Section 4 of your vehicle user manual.

Reading the level

With the ignition off and the vehicle parked on level ground, unscrew the cap from the coolant reservoir ***1***.

When **cold**, the level should be located between the "**MIN**" ***2*** and "**MAX**" ***3*** markings inside the funnel.

Frequency of checking coolant level

Check the coolant level regularly (very severe damage is likely to be caused to the electrical circuit if it runs out of coolant).

If a top-up is required, you must contact an approved dealer to perform the top-up.

Before carrying out any operation in the engine compartment, you must switch off the ignition.

Replacement interval

Refer to the Maintenance Document for your vehicle.

Consult your approved dealer at once if you notice an abnormal or repeated drop in any of the fluid levels.

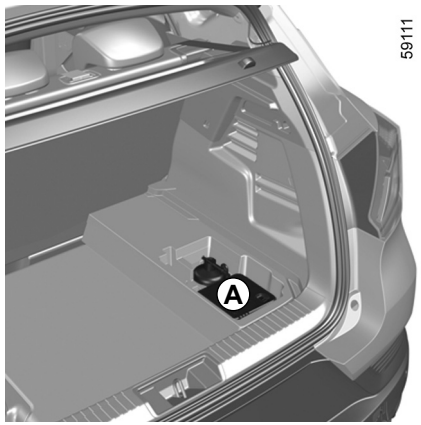
When working in the engine compartment, ensure that the windscreen wiper stalk is in the park position.

Risk of injury.

No operations should be carried out on the cooling circuit when the engine is hot.

Risk of burns.

PUNCTURE, CHANGING A WHEEL



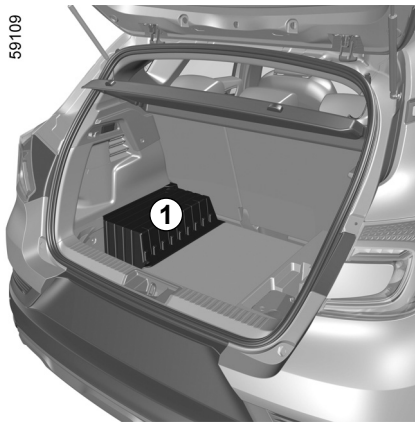
In case of puncture

You are equipped with a tyre inflation kit ***A***. For more information, please see the paragraph entitled “Tyre inflation kit” in Section 5 of your vehicle user manual.

For safety reasons, the vehicle must be lifted by an approved dealer only.

If the vehicle is parked on the hard shoulder, you must warn other road users of your vehicle’s presence with a warning triangle or with other devices as per the legislation applying to the country you are in.

SECONDARY “12 V” BATTERY (1/2)



The secondary “12 V” battery, located in the luggage compartment of the hybrid vehicle, supplies the energy required to open/close the vehicle and to operate the equipment.

You should not open it or add any fluid.

Maintenance/replacement

The charge status of the secondary “12 V” battery ***1*** may decrease, especially if you use your vehicle:

– when the outside temperature drops;

– after extended use of energy-consuming functions while the ignition is switched off;

– after a prolonged period of parking.

For your own safety and to ensure the proper operation of the vehicle’s electrical equipment (lights, windscreen wipers, ABS etc.), any intervention on the secondary “12 V” battery (removal, disconnection etc.) must **ALWAYS** be performed by a specialist professional.

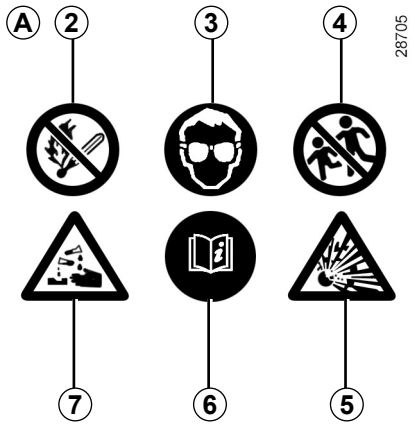
Risk of serious burns or electric shocks.

Respect **categorically** the replacement intervals (without exceeding them) as stated in the maintenance document.

The battery is a specific type. Please ensure it is replaced with the same type.

Call an approved Dealer.

SECONDARY “12 V” BATTERY (2/2)



Label *A*

Observe the indications on the battery:

2 naked flames and smoking are forbidden;

3 eye protection required;

4 keep away from children;

5 explosive materials;

6 please consult the vehicle user manual;

7 corrosive substances.

Do not disconnect the secondary “12 V” battery.

Risk of serious burns or electric shocks.

PVSE23E2

SECONDARY “12 V” BATTERY: BREAKDOWN RECOVERY (1/3)

Starting the vehicle using the battery from another vehicle

If the secondary “12 V” battery charge level is too low, it is possible to use the battery of another vehicle to re-activate and operate the hybrid system. ➥ GB.41.

As the battery cannot be directly accessed, it is necessary to use the remote terminals located in the engine compartment.

Obtain suitable leads (large cross-section) from an approved dealer. If you already have jump leads, ensure that they are in good condition.

The two batteries must have an identical nominal voltage: “12 V”. The battery supplying the current should have a capacity (amp-hours, Ah) which is at least the same as that of the discharged battery.

Ensure that there is no risk of contact between the two vehicles (risk of short circuiting when the positive terminals are connected) and that the discharged battery is properly connected. Switch off your vehicle ignition.

Start the engine of the vehicle supplying the current and run it at a moderate speed.

Do not use your hybrid vehicle to re-start a “12 V” battery in another vehicle.

The electrical power in the secondary “12 V” battery of a hybrid vehicle is not sufficient for this operation.

Risk of damage to the vehicle.



Please note when working close to the engine that it may be hot.

The engine cooling fan may also start at any moment.

The  label in the engine compartment reminds you of this.

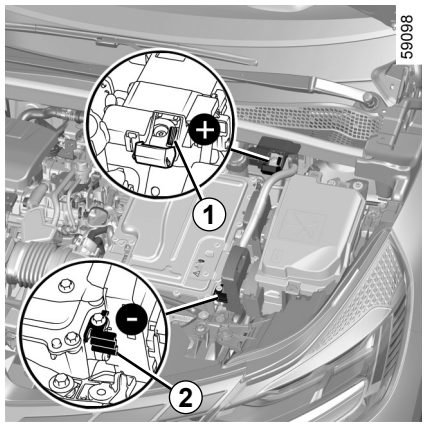
Risk of injury.



Do not carry out any work under the bonnet while the vehicle is charging or while the ignition is switched on ➥ GB.41.

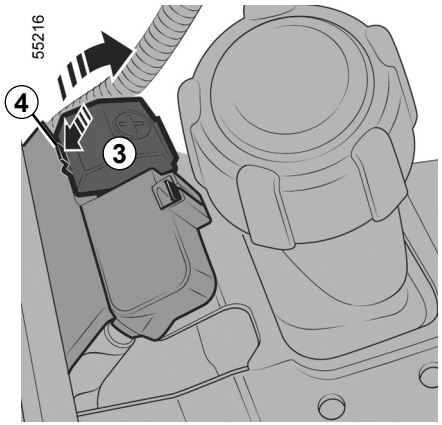
PVSE23E2

SECONDARY “12 V” BATTERY: BREAKDOWN RECOVERY (2/3)

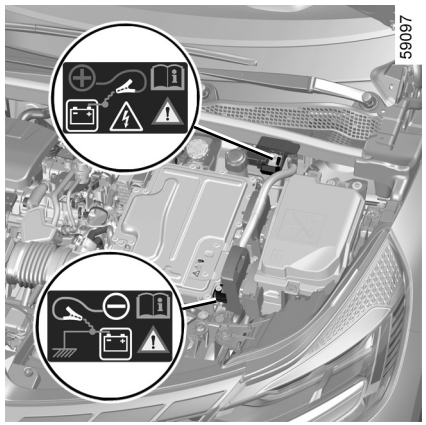


Remote terminals

Use the **terminal *1*** (**+**) and the **terminal *2*** (**–**) in the engine compartment.



Note: open the cover ***3*** of the **terminal *1*** (**+**) by pressing the button ***4*** as indicated by the arrow.



It is forbidden to disconnect the positive cable in the engine compartment.

Risk of the engine starting inadvertently.

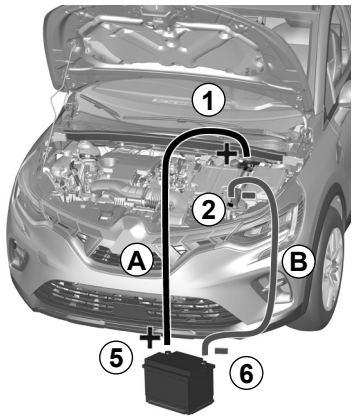
Risk of burns by projection of sparks.

Check that there is no contact between leads ***A*** and ***B*** and that the positive lead ***A*** is not touching any metal parts on the vehicle supplying the current.

Risk of injury and/or damage to the vehicle.

SECONDARY “12 V” BATTERY: BREAKDOWN RECOVERY (3/3)

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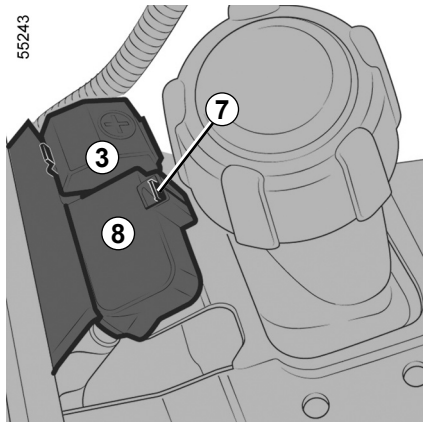


Attach the positive cable ***A*** to the **terminal *1*** (**+**), then to the **terminal *5*** (**+**) of the battery supplying the current.

Attach the negative cable ***B*** to the **terminal *6*** (**–**) of the battery supplying the current and then to the **terminal *2*** (**–**).

Press the start button or turn the ignition key (depending on the vehicle) and, after switching on the ignition, disconnect the ***A*** and ***B*** cables in reverse order (***1- 5 - 6 - 2***).

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After each operation of the cover ***3***, check the terminal block cover ***8*** on its tab ***7***.

TOWING, BREAKDOWN (1/2)

Before towing anything, with the ignition on, set the gear lever to **N** position**, wait for approximately one minute**, unlock the steering column, then release the parking brake.

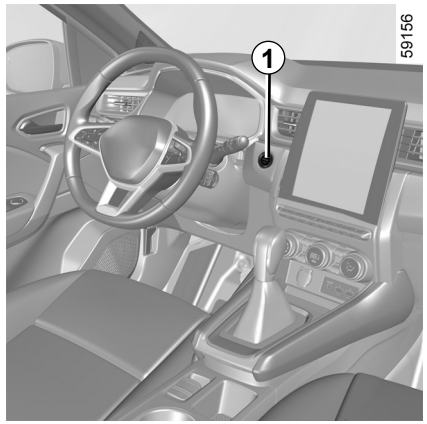
Steering column unlocking

With the card in the passenger compartment, press the start button ***1*** for approximately **two seconds**.

With the ignition on, set the gear lever to **N** position and **wait for approximately one minute** before towing.

The steering column unlocks, the accessory functions are powered: you can use the vehicle's lights (direction indicators, brake lights, etc.). At night the vehicle must have its lights on.

Once you have finished towing, you can (depending on the vehicle) press the engine start button twice ***1*** (risk of running down the battery).



The speed specified by current legislation for towing must always be observed. If you are driving the towing vehicle, do not exceed the permissible towing weight for your vehicle.

Refer to "Weight" in Section 6 of the vehicle user manual.

Towing the vehicle

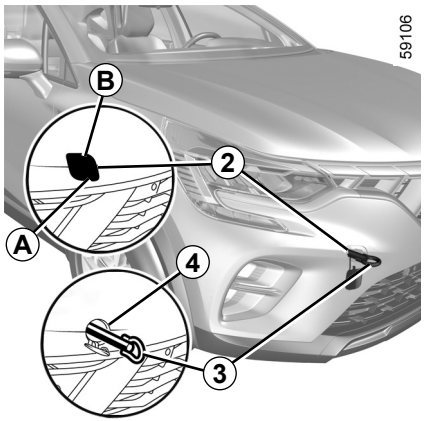
Transport the vehicle on a trailer or tow it with the front wheels off the ground.

When the ignition is off, the steering and braking assistance functions no longer operate.

Leave the card in the vehicle during towing.

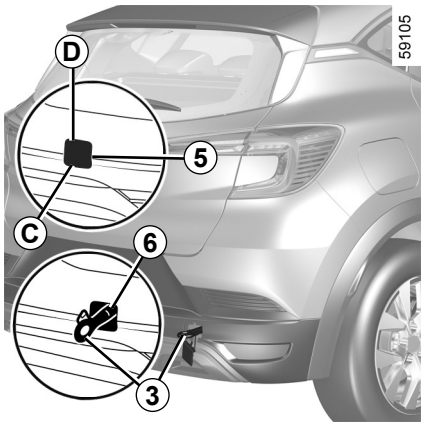
Risk of the steering column locking.

TOWING, BREAKDOWN (2/2)



Only use the front *4* and rear *6* towing points (never use the driveshafts or any other part of the vehicle). These towing points may only be used for pulling. They must never be used for lifting the vehicle directly or indirectly.

When the ignition is off, the steering and braking assistance functions no longer operate.



Access to towing points

Front towing point
Press zone ***A*** and keep depressed while pulling zone ***B*** to open flap ***2***.

Rear towing point
Press zone ***C*** and keep depressed while pulling zone ***D*** to open flap ***5***.

Do not leave the tools unsecured inside the vehicle as they may come loose under braking.

Tighten the towing hitch *3* fully: first by hand until it stops, then finish by locking it with the wheel brace or, depending on the vehicle, the lever.

Only use the towing eye ***3*** and the wheelbrace or lever provided with the tools.

Ensure that the towing eye is bolted correctly.

Risk of losing the towed object.

– Use a rigid towing bar. If a rope or cable is used (where the law allows this), the vehicle being towed must be able to brake.
– A vehicle must not be towed if it is not fit to be driven.
– Avoid accelerating or braking suddenly when towing, as this may result in damage being caused to the vehicle.
– In any case, it is advisable not to exceed **16 mph (25 km/h)**.

OPERATING FAULTS

The following advice will enable you to carry out quick, temporary repairs. For safety reasons you should always contact an approved dealer as soon as possible.

FAULTS	POSSIBLE CAUSES	WHAT TO DO
Impossible to charge the traction battery. The charging flap warning light flashes red.	The outdoor temperature is lower than -26°C.	Recharge your vehicle in a more suitable environment. If necessary ➥ GB.66.
	No electrical current in the wall socket or poor connection of the cable in the domestic socket.	Check your installation (circuit breaker, programmer, etc.). Check the connections (charging socket, etc.) ➥ GB.13.
	The charging cord is not correctly locked to the vehicle.	Plug the charging cable correctly in to the vehicle ➥ GB.13.
	The cord is defective.	Please see an authorised dealer to replace it.
The programmable air conditioning fails to work.	One of the usage conditions is not complied with (the traction battery is not charged, etc).	➥ GB.54.