




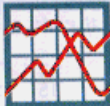




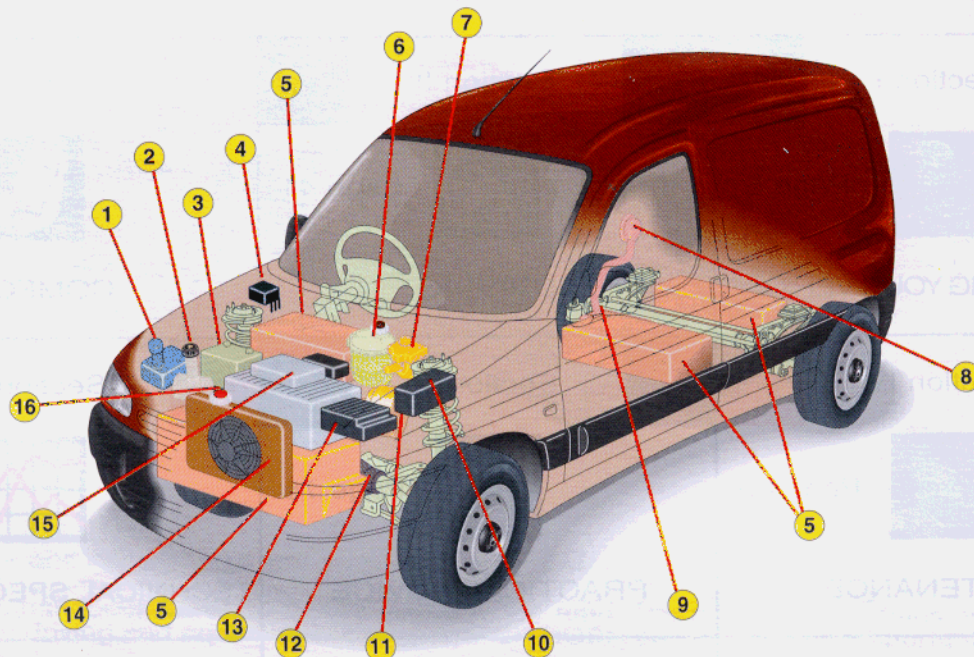
CITROËN BERLINGO

*e*lectrique

HANDBOOK



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HOW YOUR ELECTRIC VEHICLE OPERATES

The electric vehicle is fitted with a continuous current motor powered by a "traction battery". An electronic control unit records, manages and checks the orders of the driver and the use of electrical power. It also allows power to be recovered during deceleration and the battery to be recharged by means of an on-board charger. It limits vehicle performance when power reserves have come to an end or when temperature limits are reached.

Steering, brakes and all other functions on the electric vehicle are conventional except heating. As the electric motor of your vehicle generates little heat, a heating system which operates using SUPER or UNLEADED petrol is used.

A conventional "auxiliary" 12 volt battery supplies all the accessories of the electric vehicle. It is charged by the traction battery using a "converter" which acts as an alternator.

There is no gearbox and no clutch. Driving the electric vehicle is very like driving a vehicle with an automatic gearbox. Releasing the accelerator allows considerable motor braking. The "traction battery" consists of all the elements storing the electric power. These elements are distributed into storage units.

Between the motor and the battery there is a safety unit called a switch/circuit breaker, which establishes the electrical link between the motor and the traction battery. The "electrics" circuit is fitted with fuses and a circuit breaker.

The traction battery, the electric motor and the ECU are cooled either by ventilation of air or circulation of coolant.

THE ELECTRIC VEHICLE IS AN EXCELLENT ECOLOGICAL VEHICLE

No polluting emissions.

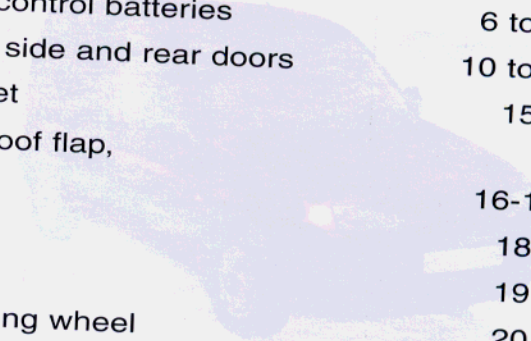
No motor noise or exhaust fumes.

Recovery or recycling of components, in particular batteries.



Section I INTRODUCING YOUR VEHICLE

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Main key

This operates the door locks, the fuel filler cap and the glove box lock, as well as the steering lock and ignition and starter.

Central locking using the key*

All doors can be locked and unlocked from the front doors using the key in the remote control. The central locking will not operate if one of the front doors is open or not properly closed.



CAUTION

The remote control has a considerable operating range which allows you to lock or unlock your vehicle from a distance. Handling the remote control, for example in your pocket, could accidentally open the doors.

* According to specification.

Remote controls

The remote control uses a high-frequency transmitter, which has the following advantages :

- it is not necessary to aim directly at the receiver in the vehicle.
- it operates through all materials (panels, load)
- it has a very long range.

Central locking by remote control.

The remote control locks and unlocks the doors and tailgate. Press once on button **A** to lock, or on button **B** to unlock.

If this does not work the first time, press again.

Locking or unlocking is confirmed by the direction indicators :

- **Locking** = Indicators light up for approx. two seconds.
- **Unlocking** = Indicators flash rapidly.

If a door is open or incorrectly closed, the central locking will not operate.

It is not necessary to keep the button pressed.

If the remote control does not function, reinitialise it. See the paragraph below on "Changing the remote control batteries".

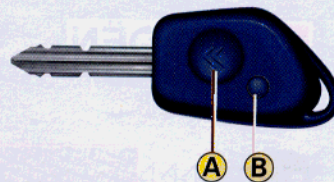
If the remote control is lost or should fail, it is still possible to open the doors using the key.

The remote control key has been designed with a snap-off key. In an accident, the key will snap off to prevent knee injury.

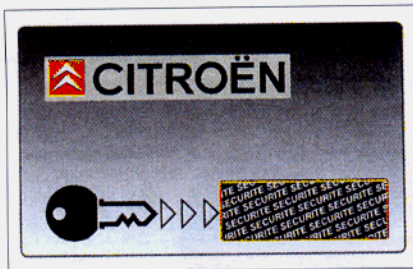
Unlocking also switches on the interior lamps.

NOTE : simultaneous use of other high frequency equipment (mobile telephones, domestic alarms etc.) may interfere with the operation of the remote control.

If it entirely ceases to function, it needs to be reinitialised. See "Changing the remote control battery".



* According to specification or country



Confidential CODE card

A confidential code card is supplied to you with the vehicle.

This card contains an access code, hidden by a strip, which allows an authorised dealer to carry out any necessary work on the electronic engine immobiliser.

If there is a change of ownership of the vehicle, it is essential that the new owner is given the confidential code card.

Keep this card in a safe place.

Never leave it in the vehicle.

Do not scratch off the protective strip, as it ensures the security of your

electronic engine immobiliser. If it is lost, the security of your electronic engine immobiliser is no longer guaranteed.

Recommendation

Carefully make a note of the numbers of your keys and remote control.

For the Electronic Engine Immobiliser keep the confidential card containing your individual code in a safe place (never inside the vehicle).

An approved dealer can use these numbers to replace your key or remote control if they are lost.

For any changes to the keys (adding, removing or replacing one) it is essential to contact an approved dealer, taking your confidential card with you.

* According to specification or country



CAUTION

Do not make any modifications to the electronic engine immobiliser system, as this could result in you being unable to start the vehicle.

If the confidential card is lost, a major operation will have to be carried out by an approved dealer.

Anti-theft precautions

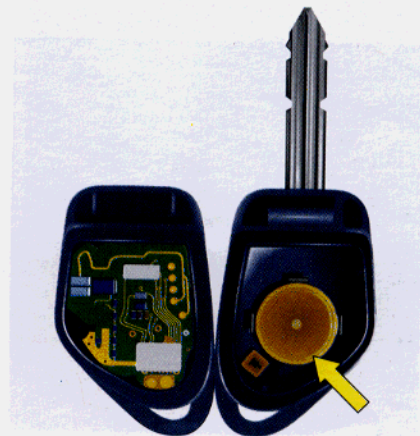
Before leaving your vehicle :

- Completely close all windows and do not leave objects visible from the outside.
- Remove the ignition key, engage the steering lock and lock all doors.

Changing the remote control batteries

Unclip to access the batteries.

Two batteries, ref.: CR 1620 3V.



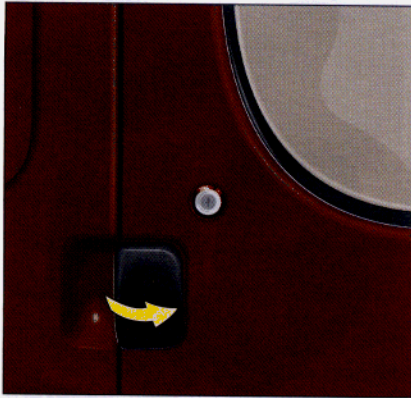
After changing a battery, it is necessary to **reinitialise** the remote control.
Do this by switching on the ignition and then operating your remote control.

* According to specification



**DO NOT DISCARD USED BATTERIES.
RETURN THEM TO AN APPROVED DEALER OR TO APPROVED COLLECTION CENTRES.
(photographic shops, etc.)**

FRONT DOOR

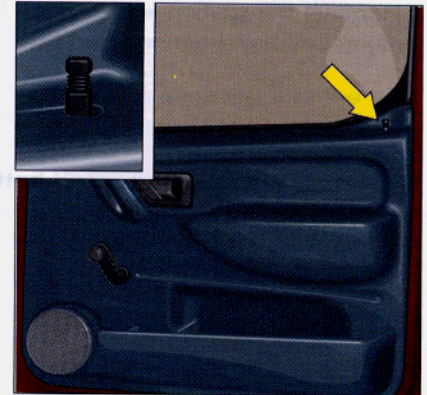
**To open from outside**

To unlock either of the front doors, insert the key fully and turn it towards the front of the vehicle, or unlock using the remote control.

Pull the handle towards you.

**Opening from inside**

Pull the handle towards you, whether the door is locked or not.

**Locking from inside**

The locking button on the driver's door controls the electric central locking, by pushing the button down, with the front doors closed.

DO NOT DISCARD THIS MANUAL. RETURN IT TO AN APPROVED DEALER OR TO ANYONE'S COLLECTION CENTRE.



SLIDING SIDE DOORS *

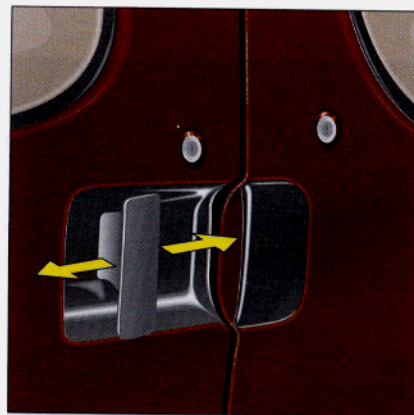
Opening from outside

Unlock the sliding door lock using either the key or the remote control.

To open, push the handle towards the rear of the vehicle and slide the door as far as the retaining stop.

The sliding door locks in position, and will not slide shut if, for example, the vehicle is parked on a slope.

To close, push the handle towards the front of the vehicle and slide the door.

**Opening from inside**

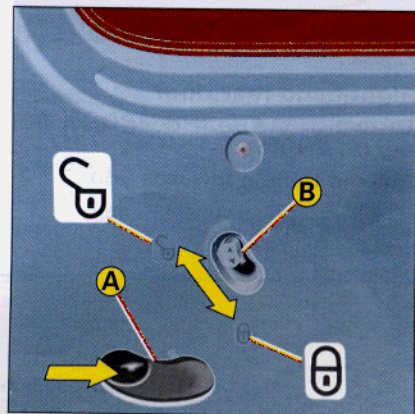
To open, pull the lever **A** towards the rear of the vehicle.

To close, push the lever **A** towards the front of the vehicle.

Locking from inside

It is possible to lock or unlock the side door from inside the vehicle by pressing down or lifting up control **B**.

Never drive with one of the sliding side doors open.



* According to specification or country

Opening the rear doors from outside

**Right-hand rear door**

To unlock the rear door, turn the key (to the right).

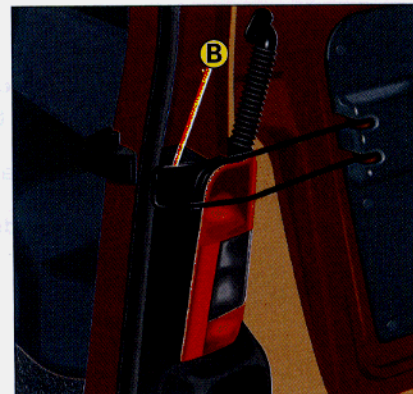
Pull the handle towards you.

**Opening the rear doors 90°**

Ensure that the doors are properly locked in position.

Left-hand rear door

Unlock the door by pulling the lever **A**.

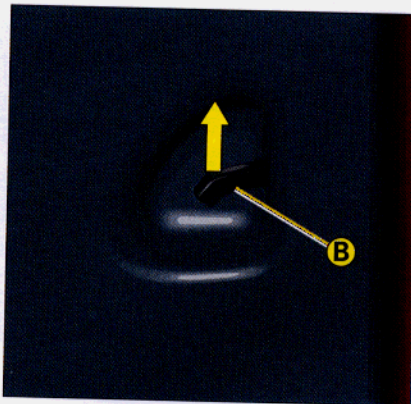
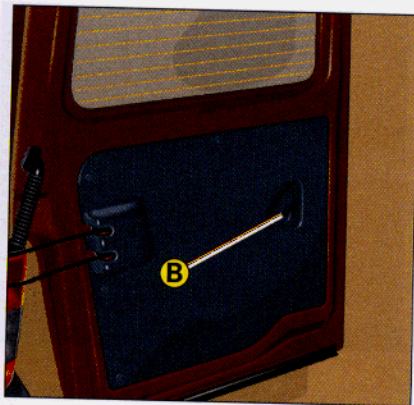
**Opening the rear doors 180°**

Release the check strap **B** by pulling it towards you when the doors are partially open.

The check strap will re-engage automatically on closing the doors.

OPENING THE DOORS

Opening the rear doors from inside



To open the door, lift handle B.

**TO CLOSE THE REAR DOORS,
CLOSE DOOR 1 FIRST, THEN
DOOR 2.**

**CAUTION**

When loading your vehicle take care to leave sufficient space clear for the movement of the right and left hand door check straps.

OPENING THE DOORS



Opening the tailgate*

To open the tailgate turn the key and lift the handle.

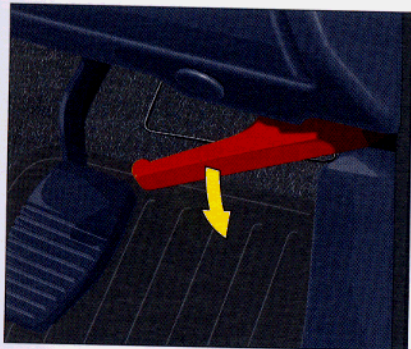
Be aware of the height clearance when you open the tailgate.

* According to specification

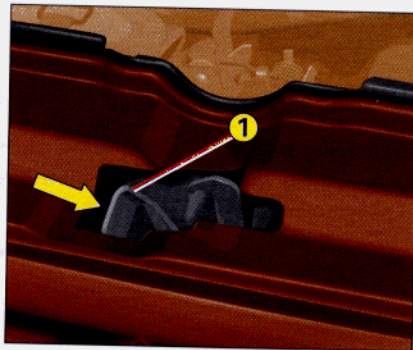


OPENING THE DOORS

Bonnet



To release the bonnet, pull the red lever, which is on the door side under the dashboard, towards you.

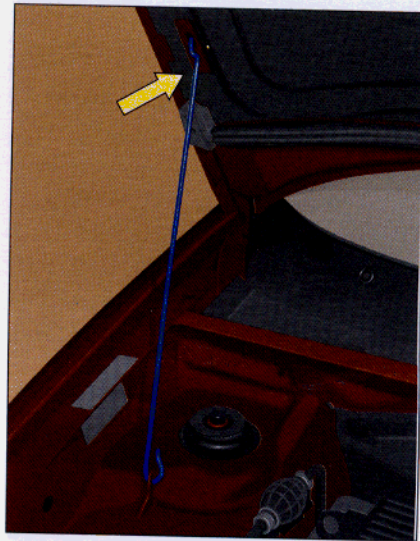


Place your hand under the bonnet, slightly to the left of the centre point.

Push latch **1**, under the edge of the bonnet, to the right.

Raise the bonnet.

Use the bonnet stay to lock the bonnet in position, as shown above.

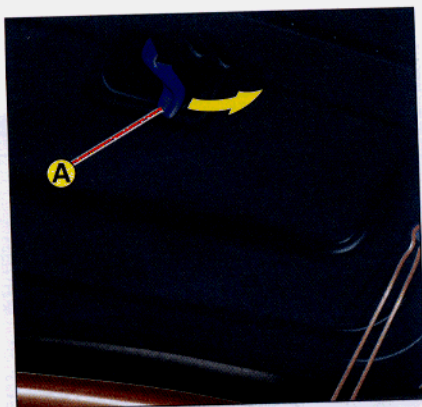


Closing the bonnet

Replace the bonnet stay in its holder by pressing it. Lower the bonnet and then allow it to drop shut.

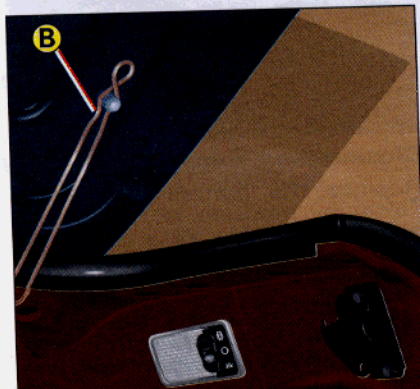
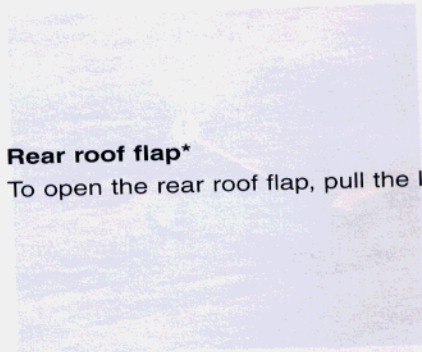
Make sure that it has latched securely.

WARNING : As the bonnet is fitted with sound-proofing it is heavy, take care when opening and closing.



Rear roof flap*

To open the rear roof flap, pull the lever **A**.



Raise the rear roof flap fully past the point of resistance, until the self-locking struts **B** lock into position.

To close, check that the support bar is properly locked in position (see I-4). To lock the rear roof flap, lower it into the closed position.

* According to specification

Long load support bar

A support bar is provided so that long objects can be carried in the vehicle, passing through the rear roof flap. The weight of the objects must be supported on this bar.

The bar can be hinged down by lifting the lever **A**. Guide the bar until it reaches the door pillar.

The bar remains hinged at one end.

This allows you to hold long objects and reposition the bar using one hand.

Make sure that the bar is securely locked in position.



Never allow objects to rest directly on the doors.



The side openings can be used as fastening points.

The rear bumper has been designed to be used as a step.

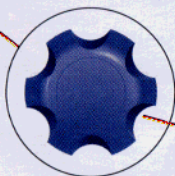


CAUTION

Never drive the vehicle if the support bar is not in place.
 The rear doors cannot be fully locked unless the support bar is in place.
 When driving with the rear roof flap open you must be aware of any height clearances.
 It is a legal requirement to attach a warning flag to any object which projects from your vehicle by more than one metre.

**Backrest angle ***

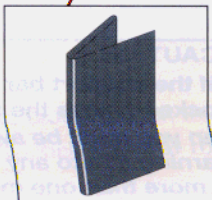
Turn the knurled handle to adjust the angle of the backrest.

**Head restraint**

Slide to adjust the height. The head restraint are fitted with a catch. To remove them from the seat, pull fully upwards, then press the release catches.

**Forwards-backwards**

Lift the bar on the left-hand side and adjust to the desired position.

**Handbook pack storage**

This is above the drawer under the driver's seat.

Drawer under driver's seat

To open, raise the drawer slightly and pull it forwards.

Heated seats* (see I-14)

* According to specification or country.

DIAGRAM OF DRIVING POSITIONS



Correct



Incorrect



Incorrect

HOW TO ADJUST YOUR DRIVING POSITION

Adjusting the seat (see I-5)

• Forwards - backwards :

Adjust the seat so that you can comfortably press the clutch pedal **to the floor**.

When seated with your right foot on the accelerator and your left foot on the footrest, your thighs should be supported by the seat cushion.

• Backrest angle :

Adjust the backrest so that the seat supports the full length of your back in a comfortable position. So that the seat belts are fully effective, never drive with the backrest excessively reclined.

• Head restraint :

For the head restraint to perform its role effectively as a safety device, the top of the head restraint must be level with, or as close as possible to, the top of the head.

• Adjusting the seat belt (see I-8)

Adjust the height of the seat belt so that the belt passes over the middle of the shoulder.

• Adjusting the steering wheel (see I-7)

Adjust the steering wheel so that your arms are slightly bent when the steering wheel is held in the "quarter past nine" position and so that you can see all the fascia dials and indicator lights.

Then, if necessary, re-adjust to perfect your driving position.



You can adjust the height of the steering wheel.

With the vehicle stationary, firstly adjust your seat to the best position.
(See Driving Position, I-6).

Release the steering wheel by pushing the handle forwards.



Adjust the steering wheel to the desired height, then lock it in position by pulling the handle fully towards you.

Make sure that the instrument panel dials and indicator lights remain clearly visible.



IMPORTANT

For safety reasons, these manoeuvres must not be performed while driving.

PRETENSIONERS AND LOAD LIMITERS

The pretensioners are designed to tension the front seat belts in such a way as to firmly hold the bodies of the occupants against the seats and thus increase the effectiveness of the seat belts.

Simultaneously with the pretensioners, the load limiter clamps the belt firmly. In this way, when the front seat belts lock, only a small amount of belt unrolls, thus restricting to an even greater degree forwards movement during the impact.



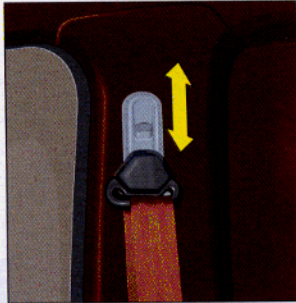
Warning

Operation of the pretensioners is accompanied by a slight amount of harmless smoke and noise, both due to triggering of the pyrotechnic cartridge incorporated in the system.

The pyrotechnic and gas cartridges in the pretensioning and airbag systems must be replaced after they are triggered or within ten years from the vehicle first being registered; this work must only be carried out by qualified dealer personnel.

Because of current safety legislation any operation or checks must only be carried out by an approved dealer.

Any work not carried out strictly observing these regulations could damage the systems or cause them to be deployed at the wrong time, with the risk of physical injury.



Your vehicle has front seats which are equipped with height-adjustable inertia reel seat belts with pretensioners and load limiters.

All occupants of the vehicle are required to fasten their seat belts.

To provide maximum protection, it is important to fasten your seat belts correctly. The following recommendations will help you to do this.

Adjusting the height of the seat belt

The belt should lie across the middle of the shoulder (see illustration). It should never rest on the neck or pass under the arm.

Fastening the seat belt

Pull the belt in front of you with a smooth movement, making sure that it is not twisted. Lock the belt tongue into **its** clasp and check that it is properly secured by pulling on the belt.

The lap strap should be positioned as low as possible on the pelvis and should be as tight as possible. Your seat backrest should be as vertical as possible, to prevent the body from sliding under the seat belt in an impact.

- the vehicle must always be stationary when you adjust your seat belt.
- do not pass the seat belt over hard or brittle objects in your pockets.
- never use pegs or clips to slacken your seat belt.
- never use the same belt for more than one person at a time.
- never carry a child on your lap.
- regularly check that the belt and fasteners are clean.
- have your belts checked regularly by an approved dealer. The belts must also be checked after any minor accident.

Young children are not miniature adults: up to the age of approximately 7/8 years, the weight ratio between the head and the body is different from that of adults.

In heavy deceleration or an impact, the weight of the head and the relative weakness of the neck muscles can cause serious damage to the vertebrae.

It is not until the age of about 10 years, or a height of approximately 4'6" (1.35 m), that your children can travel with no other equipment than the vehicle's seat belt.

This is why most countries have regulations regarding child passengers in vehicles and the sale and use of child restraints by weight category.

Most accident specialists currently recommend :



From birth to 9 months (up to 22 lbs. or 10 kg) :

a seat with its back to the engine, secured with a three-point (inertia reel) seat belt



From 9 months to 3 years (up to 40 lbs. or 18 kg) :

a forwards facing seat secured in the rear using a two or three point (inertia reel or lap) seat belt

The manufacturer has tested and selected for you a range of approved restraint systems, which are available from approved dealers.

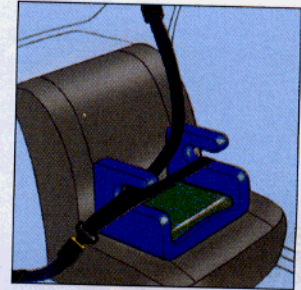
The law only allows children to be carried in the front seats in the following circumstances :

- It is **obligatory** for the child seat to be fitted "rear facing".
- When the rear seats do not permit the fitting of such a seat (no rear seats or rear seats folded) ;
- When the number of children is such that they cannot all be seated in the rear.



Over 3 years (over 33 lbs or 15 kg) :

a seat belt adapter which enables the child to sit in the rear seats facing forwards using a 2 or 3 point (lap or inertia reel) seat belt.
(particularly for children between 3 and 6 years old.)



Over 3 years (over 33 lbs. or 15 kg.) :

a booster more suited to older children to be fitted facing forwards in the rear using a 3 point (inertia reel) seat belt.
(particularly for children between 6 and 10 years old).

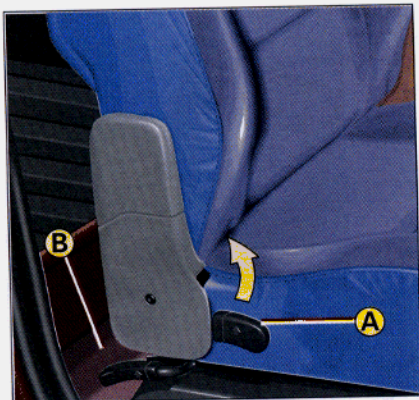
The results of studies carried out into numerous road accidents clearly indicate that the rear seats of a vehicle are the safest places for children to sit.

It is thus strongly recommended that, whenever possible, child seats are fitted in the rear. This includes rearward facing child seats.

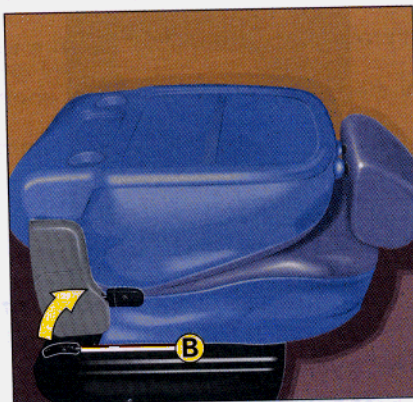
It is essential that they comply with the instructions for installing restraints in the vehicle.

* According to specification or country.

MULTI-PURPOSE PASSENGER SEAT *



Tray position and access to the rear.



Folding the seat to the tray position

Lift lever **A** to fold the backrest fully forward.

The folded backrest provides a convenient flat work surface with a retaining strap for storing documents plus two recesses for drinks.

Load area, transporting long items

Lift the lever **B** and tip the entire seat, there is no need to remove the head restraint.

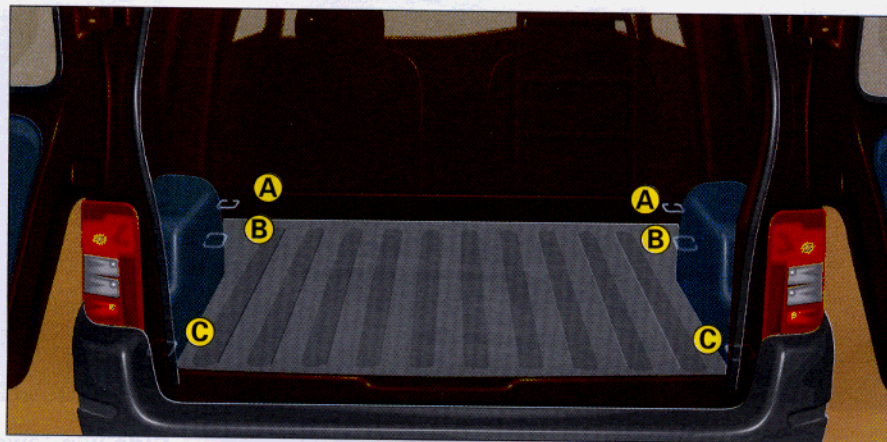
The well below the seat and the front of the floor enables items to be stored out of sight. It also provides a means of chocking long items when using the opening roof flap.



not equipped with a cargo bulkhead, long loads (of up to 2.10 metres in length) may be braced against the forward edge of the load area floor.

Secure any loads using the load support bar or the securing points provided.

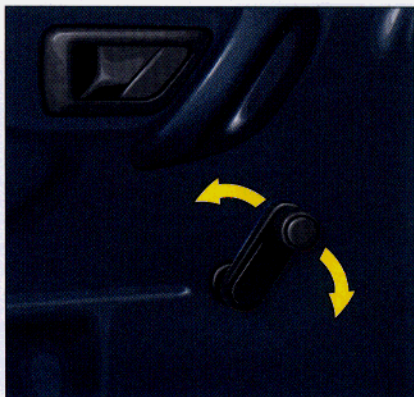
* According to model or country.



Load securing points

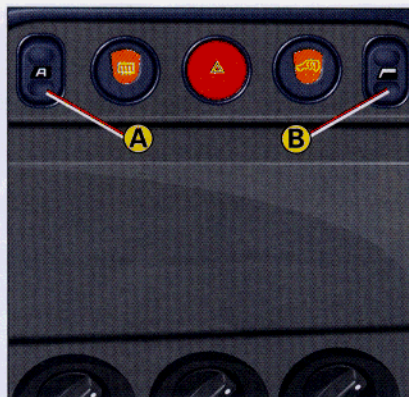
Use the six securing rings **A**, **B**, and **C** provided around the load area to tie down and secure any loads carried. Depending on what the vehicle is being used for, it should be equipped with appropriate safety guards (half-height, grille, etc.) that can be obtained from the dealer network.

For safety reasons, all loads must be securely lashed down.



Manual windows

Turn the handle to raise or lower the windows.



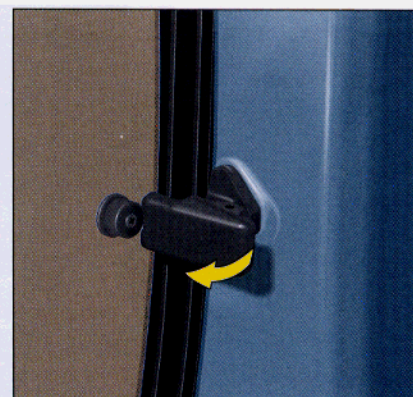
Electric windows*

The switches **A** and **B** on the fascia are used to raise and lower the driver's and passenger's windows.

One-touch control

Press switch **A** to raise or lower the driver's window to the desired position. To fully raise or lower the driver's window, press the switch more firmly and then release it.

Ensure that children are clear of the windows before opening or closing them.



Side windows

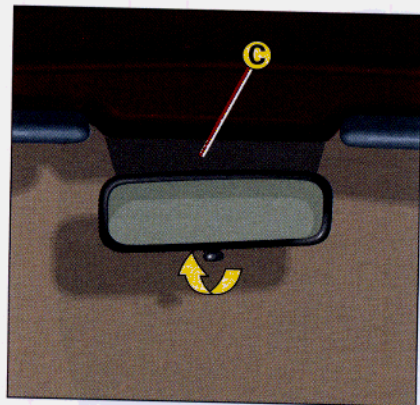
To open the side windows, pull the lever and push the window.

To close, pull then push the lever.

CAUTION

As a (child) safety measure, remove the ignition key when leaving the vehicle, even for a short period.

* According to specification.

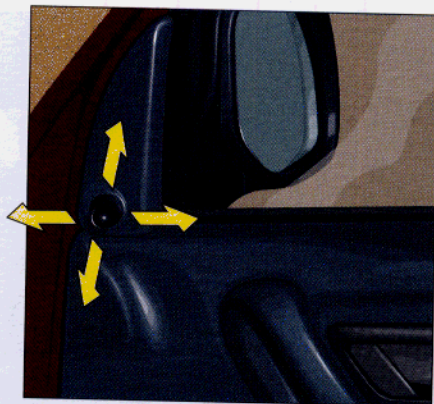


Interior mirror

Anti-dazzle position.
Pivot the lever towards you.

Reading of cards *

The athermal windscreen features a special zone **C** located above the rear view mirror allowing the electronic reading of access permits (for example : motorway cards).



Exterior mirrors

Manually controlled

The mirrors can be adjusted in all four directions from inside.

Folding down when parked

The exterior mirrors can be folded down manually from outside. This operation does not in any way affect the initial adjustment.



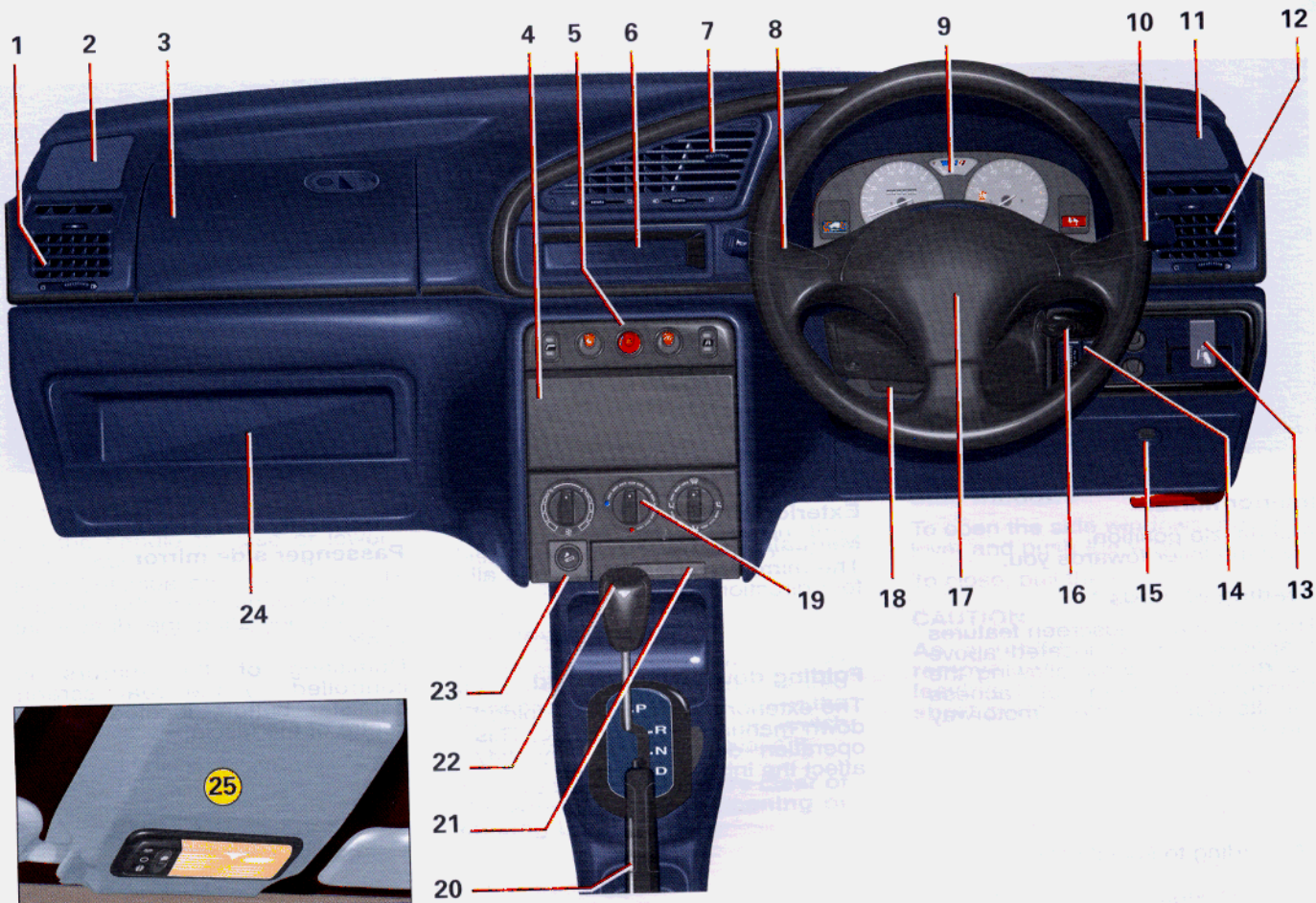
Electrically controlled

Passenger side mirror

This mirror can be adjusted in all four directions from the driver's seat by operating the directional knob.

Demisting of the mirrors is controlled by the rear screen demister button, located in the centre of the fascia.

* According to specification.



- 1 Left hand air vent
- 2 Left hand speaker
- 3 Upper glove box or passenger Airbag
- 4 Radio housing or storage space
- 5 Switches for
 - Electric windows
 - Heated rear screen / rear view mirrors
 - Air conditioning
 - Hazard warning lamps
 - Heated seats
- 6 Radio housing / CB, radio-telephone
- 7 Central air vents
- 8 Switches for
 - Horn
 - Lighting
 - Direction indicators
 - Rear foglamps
- 9 Instrument panel
- 10 Switches for
 - Front windscreen wiper
 - Rear screen wiper
 - Screen wash
- 11 Right hand speaker
- 12 Right hand air vent
- 13 Opening the flap charging
- 14 Switches for
 - Passenger's side electric mirror
 - Headlamp adjustment
- 15 Fuse box lid
- 16 Ignition switch / anti-theft steering lock
- 17 Driver's airbag
- 18 Steering column adjustment lever
- 19 Heating control
- 20 Handbrake
- 21 Ashtray
- 22 Selector lever R, D
- 23 Cigar lighter
- 24 Lower glove box
- 25 Interior lamp

* According to specification



Traction charge lamp battery

Flashes throughout

See II-5.



Traction battery discharged lamp

Comes on when the power gauge indicates a charge less than or equal to approximately 20%. Operates with the econoscope lamp.

See II-4.



Low heater fuel level lamp

Comes on when there are approximately two litres remaining.

See III-2.



Auxiliary battery charge failure lamp

If this comes on while driving, contact an approved dealer.



STOP lamp

Comes on permanently, ignition on before the starting position (forward gear), also indicates disconnection of the battery from the motor.

If it flashes, this indicates that the charging plug is still connected.

See II-2.



Electrical fault lamp

Comes on when a fault is detected by the ECU.

Contact an approved dealer as soon as possible to switch off the lamp.

In this case, do not carry out a rapid charge before the fault has been identified and remedied.

See II-6.



Handbrake and low brake fluid level lamp

Indicates that:
- the handbrake is on or not fully released

- the brake fluid level is too low
- there is a motor braking fault

See II-10.



Low traction battery water level lamp

Only an approved dealer should top up the water.

See II-9.



Door-open warning light

Comes on when the ignition is switched on.

Goes out when the front and side doors are properly closed.

**Total mileage recorder****Power gauge**

See II-4.

Trip mileage recorder

Press the button to reset to zero.

Digital clock*
Setting the time:

Hour: Press and turn to the left.

Minutes: Press and turn to the right

**Forward gear lamp**

See II-3.

**Reverse gear lamp**

See II-3.

**Econoscope**

The econoscope will help you to regulate the consumption of power currently available in the best way.

It allows you to see how much power is being consumed at all times.

* According to model.

Horn

Press the end of the stalk.

Headlamp flash

Flick the stalk gently towards you.

It is possible to flash the headlamps when the engine is switched off.

Direction indicators

Left: move the stalk downwards.

Right: move the stalk upwards.

To signal a change of direction, move the stalk past the point of resistance. The signal will cancel automatically as the steering wheel returns.

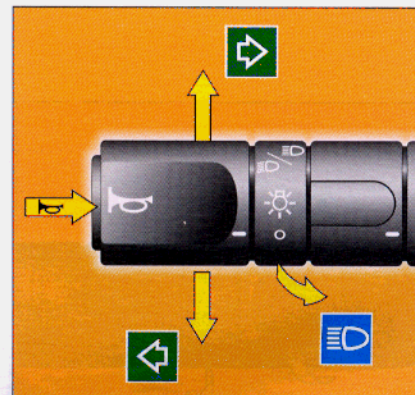
Hazard warning

This operates all the direction indicators at the same time.

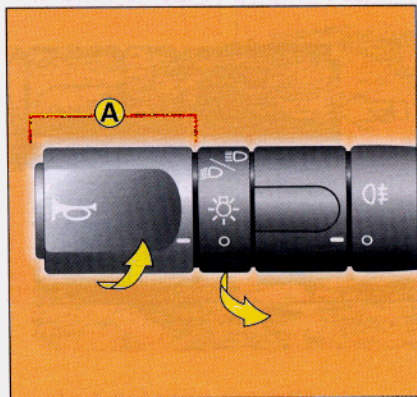
Use it only in case of danger, for an emergency stop or in exceptional driving circumstances.

It can also operate when the ignition is off.

The direction indicators will not operate if the vehicle is driven with the hazard warning lights on.



LIGHTING CONTROLS (A)



All lights switched off

Turn ring **A** in the direction of the arrow.



Side lights

Your instrument panel lights.

Turn ring **A** in the direction of the arrow.



Dipped beam / main beam

Pull the stalk fully towards you to switch between dipped beam/main beam.

Lights on buzzer

It operates when a front door is opened with the ignition off, to indicate that the headlamps are still on. It stops when the door is closed, the headlamps are switched off or if the ignition is switched on.

* According to specification.

Rear fog lamp



Rear fog lamp off

Turn ring **B** in the direction of the arrow.

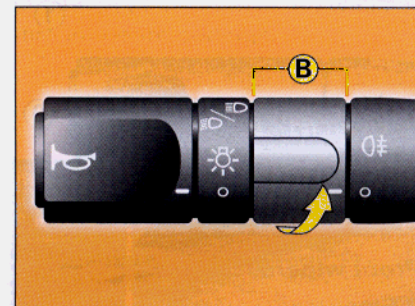


Rear fog lamp

The warning light is lit.

The rear fog lamp can operate when the dipped beam or the main beam is on.

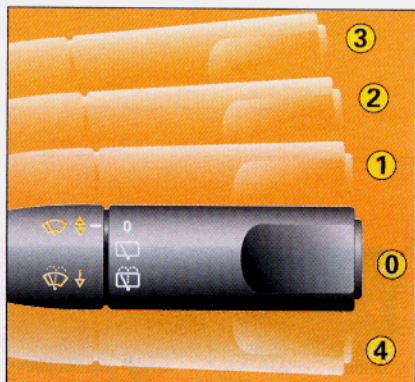
It switches off automatically when the headlamps are switched off.



Reminder

The rear fog lamp should only be used in conditions of fog or snow.

* According to specification.



Front wipers

0 Stop

1 Intermittent wipe

2 Normal wipe

3 Rapid wipe

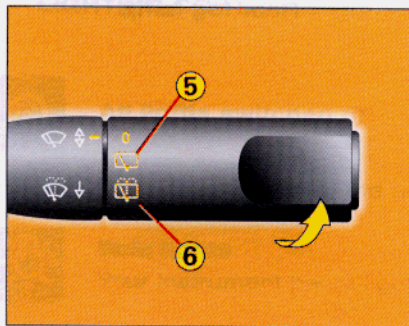
4 Single stroke wipe

Press downwards

Front windscreen wash

Pull the stalk towards you. This starts a timed wiping operation.

VISIBILITY



5 Rear screen wiper

For intermittent wipe: twist the ring forwards.

6 Rear screen wash

For screen wash and wipe: turn the ring forwards.

On release: approximately four wipes, then it stops.



Electric demister* :

Electric demister for rear screen or rear view mirrors or both simultaneously, according to specification. The light indicating operation switches off automatically after approximately 12 minutes to prevent excessive power consumption. Press once to stop the demisting function. Press once again to restart for 12 minutes.

The electric demister will only operate when the engine is running.

* According to specification or country.

Adjusting the headlamps *

It is recommended that you adjust the beam setting according to the weight and distribution of the load in the vehicle. This system allows you to avoid dazzling other road users, and also to ensure optimum beam settings.

Electrical adjustment*

On the dashboard to the left of the driver.

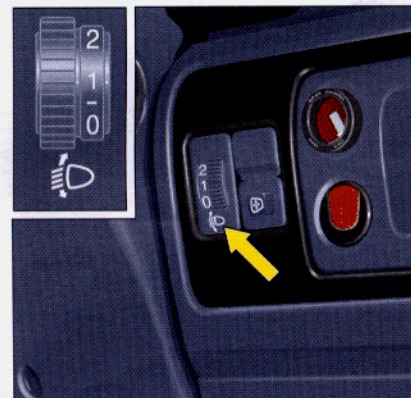
Position 0 : driver alone or with 1 passenger.

Intermediate - : driver + 2 passengers.

Position 1 : driver + 4 passengers.

Position 2 : driver + 4 passengers and luggage in the boot.

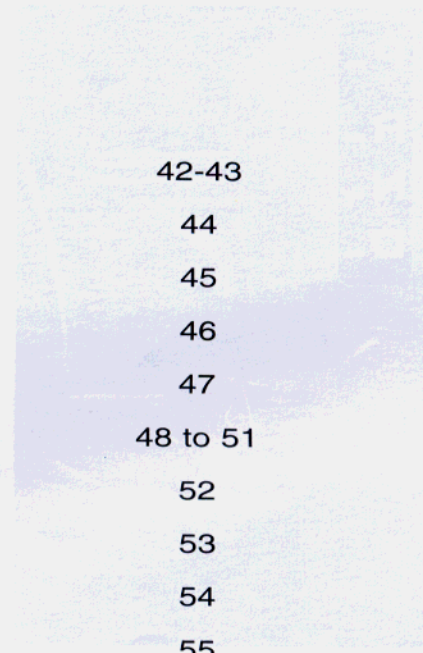
Position 3 : driver alone + maximum load at the rear.



* According to specification and country.



1	Selector lever	42-43
2	Setting off	44
3	Forward and reverse gear	45
4	Driving and power economy	46
5	Charge	47
6	Charging	48 to 51
7	Auxiliary battery	52
8	Additional electrical accessories	53
9	Traction battery coolant	54
10	Brakes	55



Always ensure that the correct level of coolant is maintained in the battery. Check the coolant level regularly and top up if necessary. Do not mix different types of coolant. Use only the recommended coolant.



Park position



Reverse



Neutral



Forward

The motor can only be started in positions **P** or **N**.

A safety system makes starting impossible in the other positions.

Important: always move the selector lever while the vehicle is stationary.

WARNING:

Always ensure that the selector lever is in position **P** before leaving the vehicle.

Using the selector lever

P**Parking**

To prevent the vehicle from moving when stationary, place the selector in position **P**. Only engage the lever in this position when the vehicle has come to a complete stop. The drive wheels are locked in this position. Ensure that the selector lever is positioned correctly and apply the handbrake firmly.

R**Reverse**

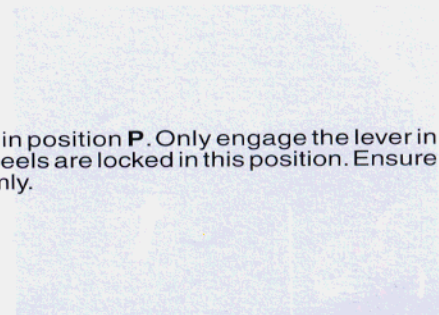
Only engage the lever in this position when the vehicle has come to a complete stop with your foot on the brake pedal. This is to prevent transmission snatching.

N**Neutral**


Do not select this position, even for a short time, while the vehicle is in motion.

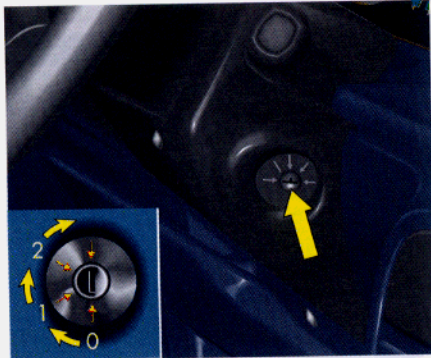
D**Forward gear**

Normal operating position.



Do not press the accelerator if the handbrake is applied to keep the vehicle stationary on a slope.





Steering lock, ignition

With the handbrake applied, turn the ignition key. To unlock the steering, move the steering wheel gently while turning the key without forcing it.

At the first notch:

The electrical accessories can be used.

At the second notch:

Ignition on

The STOP and handbrake warning lamps come on.



Check that the selector lever is in position P or N.

Beyond the 2nd position: Starting the motor

When you turn the key, a click is heard. This is the motor power supply connection.

When you release the key, the **STOP** warning lamp goes out (select gears **D** or **R**,

the forward or reverse gears respectively) and either the green forward gear warning lamp light up on the dashboard.

Despite the absence of noise, any pressure on the accelerator will cause the vehicle to move forward.

Check the power reserve.

Release the handbrake, the warning lamp goes out.

Accelerate gradually, the green forward gear warning lamp goes out when the vehicle is moving at more than 2 mph (3 km/h).

For hill starts, engage gear **D** and accelerate gently while releasing the handbrake.

As a safety measure, **it is not possible to start the motor if :**

- the traction battery charging plug is still connected to the vehicle, the **STOP** warning lamp flashes.
- **the accelerator is being** pressed at the same time that the key is turned to the starting position.
- the vehicle is **not stationary**.



Do not press the accelerator if the handbrake is applied or to keep the vehicle stationary on a slope.

Check that the selector lever is in position P.

- Start the motor (see page II-2).

Forward gear:

- Engage the selector lever in position **D**. The forward gear warning lamp in the instrument panel comes on. Accelerate gradually and it will go out once the vehicle speed exceeds 2 mph (3 km/h).



Reverse gear:

- Vehicle stationary.
- Engage the selector lever in position **R**. The reverse gear warning lamp in the instrument panel flashes. Accelerate gradually (speed is limited in reverse gear).



To return to forward gear:

With the vehicle stationary, engage the selector lever in position **D**. The green forward gear warning lamp comes on until the vehicle moves forward.



WARNING

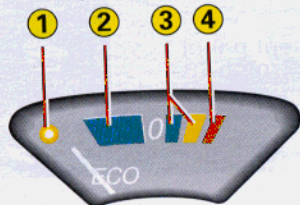
When leaving the vehicle remove the key,
apply the handbrake firmly and place the lever in position P.
Before opening a door, ensure that you can do so safely.

With the battery fully charged, your electric vehicle has a range of approximately 45 miles (75 km) (until the battery is completely discharged).

The way you drive and the type of journey can result in marked variations in the distance you can cover between charges.

You should therefore train yourself to use your power reserve to the best possible advantage.

Avoid the prolonged use of certain items of equipment.



Econoscope

- 1 - Vehicle performance limitation warning lamp
- 2 - Power recovery
- 3 - Normal consumption
- 4 - High power consumption

The econoscope warning lamp comes on:

- when the power reserve is almost exhausted to signal that a battery charge is needed urgently.
- or when the temperature limits are reached.

The warning lamp will not go out until the next charge or until the temperature returns to normal.



Power gauge

The power gauge shows the state of charge of the traction battery, i.e. the power reserve available.

The battery is fully charged if the gauge shows 100%.

Below 20%, the traction battery discharged warning lamp comes on as well as the Econoscope warning lamp.

Your Electric Vehicle has been designed to behave normally in urban traffic.

Drive smoothly without heavy acceleration.

Its maximum speed is technically limited to 60mph (95km/h).

The traction battery can be charged at any time. However, for maximum range between charges, it is best not to charge the battery partially at frequent intervals, but to wait until at least approximately 50% of the full charge has been used up.



Advice: Wait until charging has finished. This is indicated by the warning lamp going out.

You may interrupt charging but the battery will only be partially charged. It is essential to charge the battery fully at least once a week for optimum performance.

If the battery temperature is too high, **charging will be delayed automatically until the battery has had time to cool down**, which will extend the charging period

Average normal charging period (in hours)

For example:

If you begin charging with a reserve of 50%, it will take approximately 4 1/2 hours to reach 100%.

A complete charge starting at 20% will take seven or eight hours. The power gauge continuously displays the battery charge status.

There are two charging options*:

- **NORMAL CHARGE**
 - **Domestic** charging using a 230V/16A type mains socket (see NOTE).
 - **Public** terminal charging using a special terminal approved by the manufacturer.
- **RAPID CHARGE**, using a special terminal approved by the manufacturer.

When charging traction batteries which have been **totally discharged** (at 0% for several weeks), no charge warning lamp will come on for **approximately one hour**.

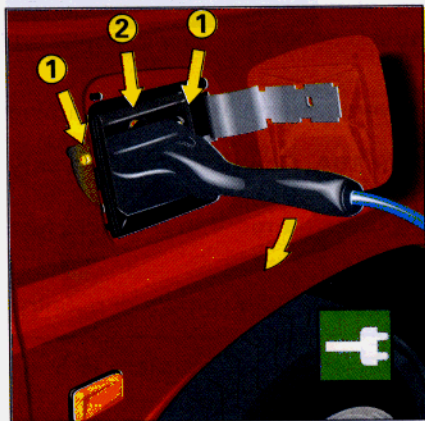
NOTE: According to country, the electrical amperage available may be **16A-13A** or **10A**. Charging times will vary accordingly.

COMMENT: A power loss of several percentage points will be visible on the power gauge if the vehicle has not been used for two or three days.



* According to equipment or country.

SAFETY: The vehicle must be charged in a ventilated area and away from naked flames as there is a slight emission of hydrogen.



NORMAL CHARGE, two options:

- **Domestic connection**

At home, use the (black) connecting cable supplied, located under the passenger seat.

- **Public terminal connection***

Use the special (blue) connecting cable.

Switch off the ignition and remove the key.

Open the flap on the front right wing (using the control on the dashboard).

Connect the plug in the socket placing the pins **1** in the corresponding slots (see diagram).

Pull the handle downwards so that it locks into position.

A red warning lamp **2** in the compartment confirms that there is a 230 V current.

The flap must be closed for charging to begin.

For domestic connection, the mains socket must be of the 230 V - 16 A type, earthed, and protected by a 30 milliamp differential (depending on the current legislation in the country concerned).

Traction battery charge warning lamp

This flashes throughout charging, then goes out when charging is completed.

* According to equipment or country.

A label, inside the charging flap, indicates the mains amperage required for charging for the country concerned.

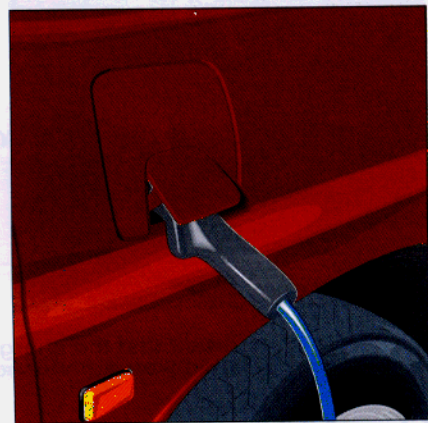
Opening the flap interrupts the charging process.

When charging begins, the direction indicators come on for ten seconds indicating that charging has started.

They will flash **if the start of charging is delayed** because the temperature of the battery is too high.

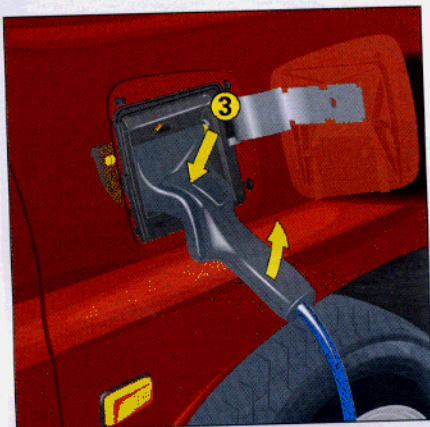
In this case, the econoscope temporary limitation warning lamp comes on until the battery returns to normal temperature. The power gauge continuously displays the battery charge status.

The fan may operate intermittently throughout charging.



* According to equipment or country.

When charging is complete, current consumption is nil, the socket can therefore remain connected. The power gauge needle returns to zero. Ensure that the ignition is off before disconnecting the charging cable.



Disconnection

When charging is complete, or to interrupt charging, **it is essential that the following sequence is followed:**

- 1 Open the flap (this acts as a switch)
- 2 Disconnect the mains socket
- 3 Disconnect the vehicle socket by pressing the button 3.
- 4 Lift the plug handle
- 5 Pull it towards you
- 6 Close the flap

Advice: it is important that the charge cable should be maintained in good condition; apply the utmost care and have it checked regularly by an authorised dealer.

* According to equipment or country.

THE USE OF DOMESTIC ELECTRICAL EXTENSION LEADS IS PROHIBITED.



WARNING
Do not open the bonnet if the charging plug is connected.
WASHING THE BODYWORK DURING CHARGING IS PROHIBITED.

RAPID CHARGE*

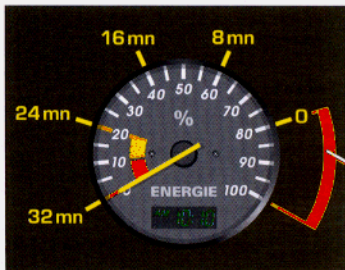
The Electric Vehicle, fitted with a traction battery, can receive a rapid charge.

If there is a risk of the power reserve being insufficient to complete a journey, a rapid charge may be carried out at one of the **rapid charge terminals** installed at certain petrol stations. **Use the special terminal cable.**

Follow the instructions at the terminal.

Every minute of rapid charging adds approximately 1.2 miles (2 km) to the range, depending on the type of terminal used.

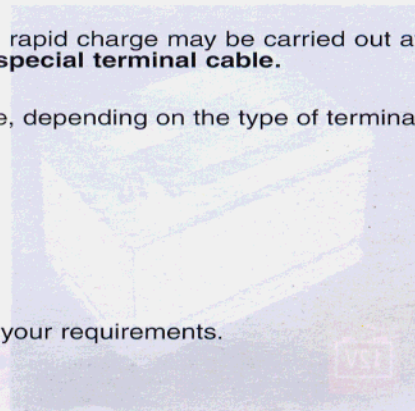
A rapid charge can only provide 80% of the full charge.



Average duration of a rapid charge
(valid for a 150A rapid charge terminal).

The diagram opposite will help you to estimate your requirements.

Area not accessible to rapid charge.



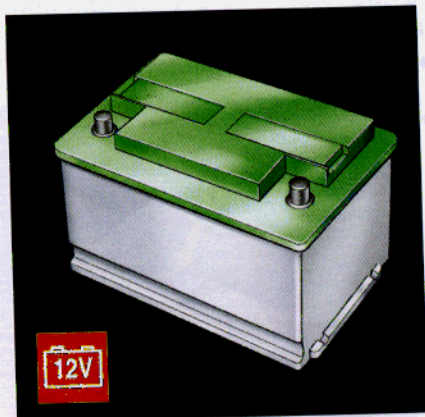
Example: if you begin the charge with 40% registered on the power gauge, it will take approximately 16 minutes to reach 80%.



IN THE EVENT OF AN ELECTRICAL FAILURE, IT IS NOT POSSIBLE TO CARRY OUT A RAPID CHARGE.

* According to equipment or country.

**Do not use rapid charging exclusively.
ONE COMPLETE NORMAL CHARGE PER WEEK IS ESSENTIAL.**



12 VOLT AUXILIARY BATTERY

This supplies all the Electric Vehicle's accessories. It is charged by the traction battery via a "converter" which acts as an alternator.

Disconnecting the 12 volt battery is not recommended.

If this is necessary, disconnect the (-) terminal then the (+) terminal, isolate the terminals from each other and from the vehicle earth.

Only disconnect the 12 volt battery for a limited period.

There is no need to disconnect the 12 volt battery if the vehicle is being taken off the road.

SAFETY

Never place a naked flame or create sparks near the 12 volt battery (explosive gas).

The battery contains dilute sulphuric acid which is corrosive.

When carrying out any work, protect the eyes and face.

It is essential to switch off the ignition, remove the key and apply the handbrake firmly before leaving your Electric Vehicle.

With the ignition off, braking is no longer power-assisted.

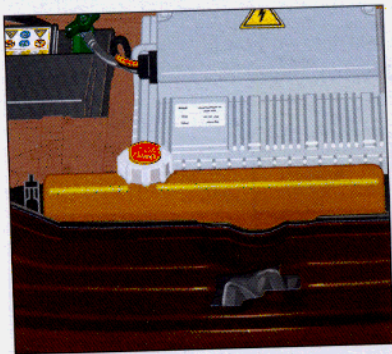
**WARNING****ADDITIONAL ELECTRICAL ACCESSORIES**

The electrical system of your vehicle is designed to operate correctly with all standard and optional equipment.

Some electrical accessories (radio, immobiliser, telephone, etc.) can by their nature, or as a result of the way they are fitted, **adversely affect** the operation of your vehicle **or cause failure** of the electronic control circuits, the audio circuit and the charging circuit.

Contact an approved dealer before electrical equipment or accessories are fitted to your vehicle.

The manufacturer declines any responsibility for malfunction and costs incurred arising from the installation of accessories not supplied or approved by the manufacturer or not installed in accordance with the manufacturer's instructions.



Traction battery cooling circuit fluid

The traction battery storage units and the ECU (Electronic Control Unit) are cooled by a special fluid which is circulated by a pump.

Pump or fan noise may be heard while the vehicle is stationary.

TRACTION BATTERY



Traction battery water level

The battery must be topped up periodically. When topping up is required, the battery water level warning lamp comes on.

When this warning lamp comes on, proceed to an authorised dealer, who, alone, should top-up the battery level.

LIQUID UNDERNEATH THE VEHICLE

If the liquid originates from the traction battery, it could be dangerous.

Consult your dealer.

If it comes into contact with the skin, wash immediately with clean water.

Handbrake

The handbrake is operated by pulling the lever firmly up - pull it more firmly if the vehicle is on a steep slope.

Pressing the foot brake will reduce the effort required to apply the handbrake.

As an additional precaution, especially on steep slopes, turn the steering towards the kerb

To release the brake, pull the lever lightly up, press the button on the end of the lever and lower the lever to the fully released position.

The warning lamp lights when the brake is not fully released (ignition on).

Braking

When the vehicle is moving, releasing the accelerator activates the motor brake and leads to power recovery, i.e. charging of the traction battery.



It is of course possible to brake normally using the brake pedal. Braking is power assisted.

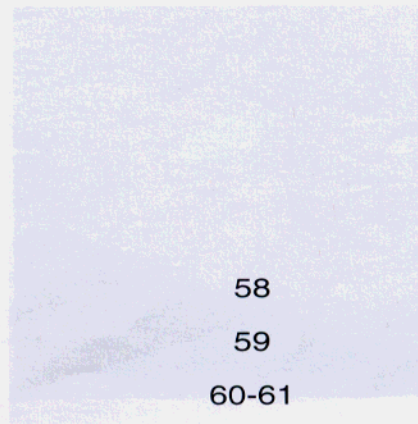


WARNING

Braking is not power-assisted with the ignition switched off.

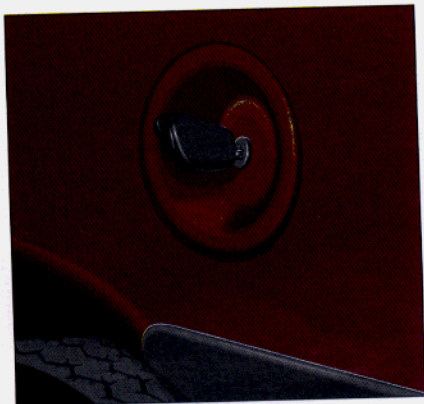


- | | | |
|---|-----------------------------------------------------------------------------|-------|
| 1 | Filling up with heater fuel | 58 |
| 2 | Heating system | 59 |
| 3 | Ventilation, heating | 60-61 |
| 4 | Cigar lighter, ashtrays, storage compartments,
sun visor, interior lamps | 62-63 |
| 5 | Radio pre-equipment, fitting the speakers | 64 |



NEVER USE THE HEATER IN AN ENCLOSED OR POORLY VENTILATED AREA.

WARNING

**Key-operated cap**

To open, turn the key a quarter turn towards the rear of the vehicle.

Warning

The cap follows the curvature of the body, position it as shown in the illustration.

Tank capacity: approximately 8 litres of SUPER or UNLEADED petrol.

If the filler cap is removed, the side door* cannot open.

* According to specification or country



WARNING
NEVER OPERATE THE HEATING IN AN ENCLOSED OR POORLY VENTILATED AREA.

As the electric motor of your electric vehicle emits very little heat, a heating system which runs on petrol is used. However, apart from the need to fill the fuel tank from time to time, the heater operates completely automatically, and has a safety device.

Switching on the heater

Press button 1.

Adjust as required (see III-3).

The heater will take a few minutes to reach its operating temperature.

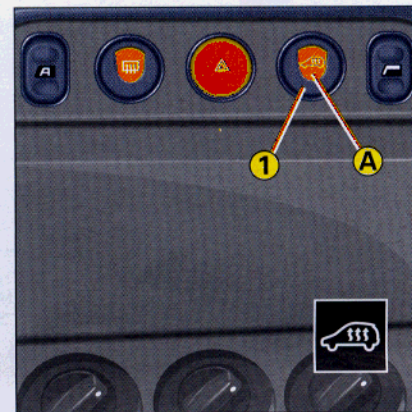
There is no need to press the button more than once.

If the heater does not come on, check the fuel level and repeat the operation.

Average consumption is approximately 0.5 litres per hour.

If heating is not required, return the control to the blue zone. Press button 1.

The heater will continue to operate for approximately two minutes after it has been switched off.



A minimum fuel reserve assures that the heater will continue to operate for about one hour after the lighting of a warning lamp on the instrument panel.

When the warning lamp comes on permanently, have the fuel reservoir topped-up.

Should the period be exceeded, the system will automatically shut down the heater to prevent a failure of the circuit (the warning lamp **A** will go out even though the button remains pressed in).

A new press on the control will permit the heater to come on for a few more minutes if there is sufficient fuel, but it is essential to get the reservoir refilled.

IMPORTANT

To keep the heating system in perfect working order, it is recommended that it is operated for a few minutes every month, even in hot weather.



Air circulation

To maximise comfort, air should be well circulated through both the front and back of the passenger compartment.

Air intake

Make sure that the exterior air intake grille and intake chamber at the base of the windscreen are kept clear (dead leaves, snow).

To ensure efficient heating to the rear seats, do not obstruct the air passage under the front seats or the extractors

at the rear of the vehicle.

We recommend that a certain amount of air flow is maintained at all times.

Air vents

The air vents have knurled wheels to open and close the air flow and grilles to direct the air flow (up/down, right/left).

1 Air blower

Air blower speed adjustment.



This position allows the entry of unpleasant odours or smoke into the vehicle to be prevented.

2 Temperature adjustment**3 Air distribution in the vehicle**

To the air vents



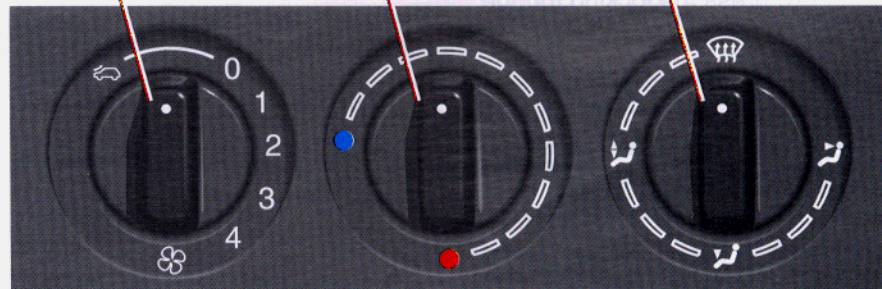
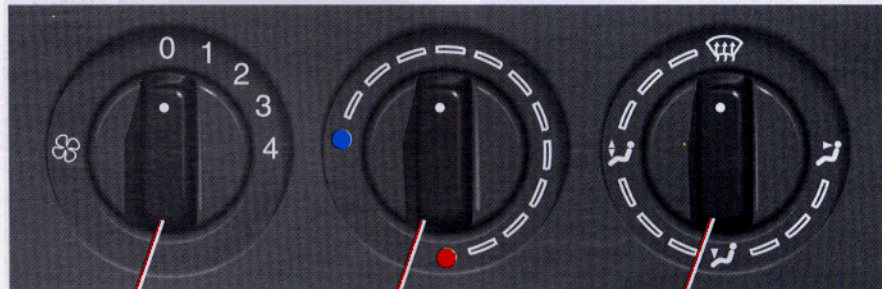
To the feet

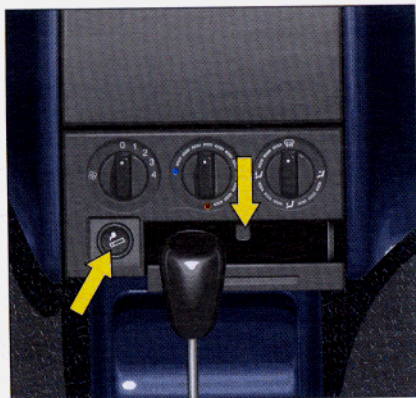


To the feet and windscreen



To the windscreen
Demisting-deicing





Ashtray

To empty, press the locking tongue and slide the ashtray unit towards you.

Push it back into position.

Lighter

Push in and wait a few moments for the lighter to release automatically.

CAUTION : keep children away from the cigar lighter as it can operate even with the ignition switched off (see fuse F16 - F16A).



Storage compartments and bottle holder

(for 1.5 litre bottle).(for 1.5 litre bottle + 1 cup or 33 cl bottle).



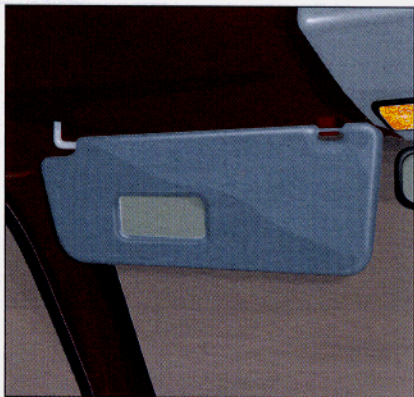
Upper glovebox *

The glovebox has a key-operated lock.

When open, the cover serves as a tray with two cup holders and two pen holders.

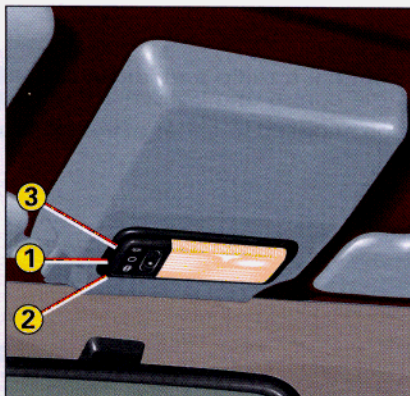
For safety, remember to keep the glovebox closed when driving.

* According to specification.



Sun visor

To avoid sun glare through the windscreen, fold the sun visor downwards. In case of side glare, through the door windows, release the sun visor from its inside fastening and pivot it to the side.



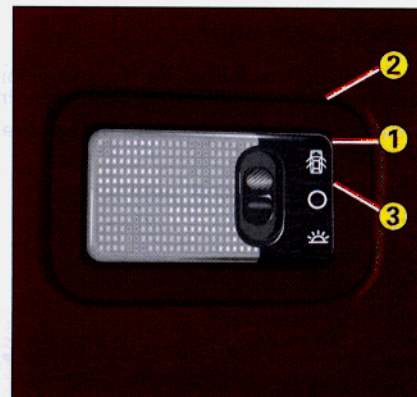
Reading lamps *

These are on the roof console. To switch them on, turn them to the left or the right. The 'off' position is in the centre.

Front courtesy light

The light switch has three positions :

- 1 Off
- 2 Light on when front doors are opened
- 3 Light permanently on



Rear courtesy light

The switch has three positions :

- 1 Off
- 2 Light on when front doors are opened
- 3 Light permanently on

The front and rear courtesy lights can switch on when one of the vehicle doors is opened.

* According to specification.

The radio can be fitted in either of locations **1** or **2**.

Radio connections

To access the wiring and connectors to connect a radio and fascia speakers open the radio cover flap by pressing on the centre and bottom of the flap.

The wiring is designed so that power can be supplied to either of the locations **1** or **2**.

Standard connector positions

A1 : -

A2 : -

A3 : -

A4 : (+) Permanent

A5 : -

A6 : (+) Rhéostat

A7 : (+) Accessories

A8 : Earth

B1 : -

B2 : -

B3 : (+) Front right speaker

B4 : (-) Front right speaker

B5 : (+) Front left speaker

B6 : (-) Front left speaker

B7 : -

B8 : -

Fitting speakers

A speaker location is provided at each end of the fascia. Unclip and pull out the grille, connect the speakers, secure them by screwing them into position, replace the grille.

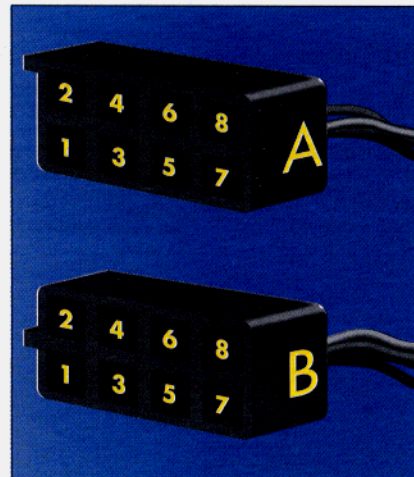
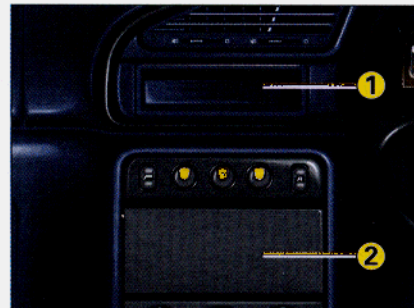
The speakers for this vehicle are of a specific height, contact an approved dealer.

Diameter of the fascia speakers: 100 mm.

TO FIT 165 MM SPEAKERS IN THE FRONT DOORS, CONTACT AN APPROVED DEALER.

Aerial.

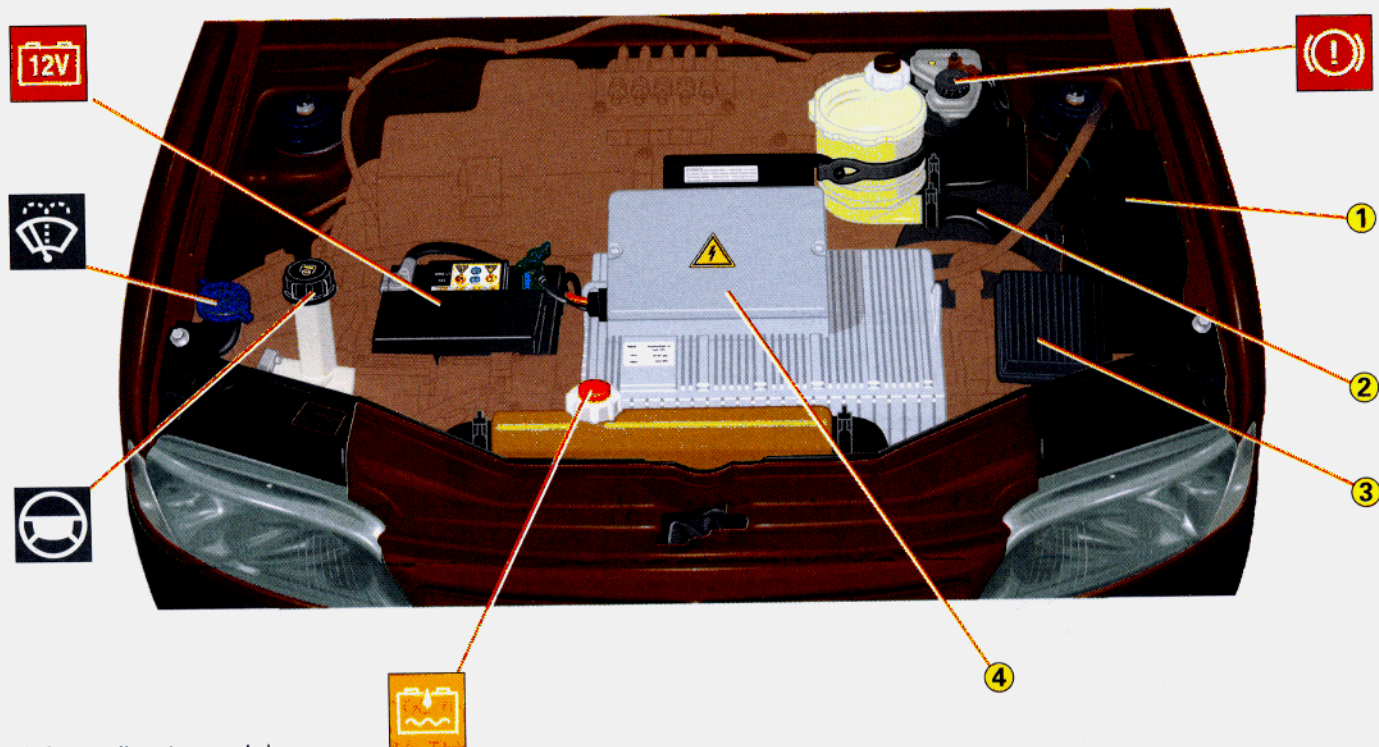
For good reception the aerial should be set at the same angle as the slope of the windscreen.





Section IV MAINTENANCE

1	Under the bonnet	66-67
2	Levels	68
3	Winter precautions	69-70
4	Maintenance of the bodywork	71-72
5	Maintenance of the passenger compartment	73



* According to model.

IT IS ESSENTIAL THAT ALL OTHER CHECKS UNDER THE BONNET ARE ONLY CARRIED OUT BY A SPECIALIST



12 volt auxiliary battery
See II-7.



Filling up traction battery and ECU with coolant (red cap)

This must be carried out by an approved dealer.

Level and quality: See II-9, VI-5.

1 Fuse box
Checking fuses:
See V-3.



Filling with heater fluid (brown cap)

Capacity: 5.5 litres.

Quality: See IV-2.

The fluid is identical to that of the cooling circuit.

Caution

When working under the bonnet, the fan may start at any time.

2 Electric motor cooling fan



Power steering

Level: with the ignition off, the level in the reservoir must be between the MINIMUM and MAXIMUM marks.

The steering pump must never operate without oil (risk of seizing).

Fluid quality: See VI-5.



Brake fluid
Level and quality:
See IV-2.

3 Relay/interconnection box

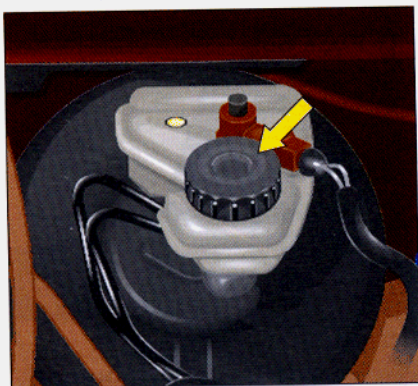
4 ECU (Electronic Control Unit)



DO NOT OPEN WHEN SUPPLIED WITH VOLTAGE

WARNING

**Observe the cap colour identification.
DO NOT OPEN THE BONNET IF THE CHARGING PLUG IS CONNECTED**



Brake fluid reservoir

Check the fluid level regularly.

Should the warning lamp come on while driving, stop immediately and make a call to a authorised dealer. As the synthetic fluid gives anti-corrosion protection as well as assuring correct operation of the braking system whatever the environmental conditions, always use the brake fluid that is recommended by the authorised dealer (this fluid should be replaced every two years).

Refer to the instructions in the maintenance guide.

Brake fluid quality: See VI-5.



Heater circuit and traction battery cooling fluid

The level in the reservoir must be between the MINIMUM and MAXIMUM marks.

The anti-freeze contained in the coolant fluid allows it to maintain its performance at low temperatures, also giving it anti-corrosion properties and good performance at high temperatures. For this reason it is important to have the coolant fluid replaced every two years, at the start of the cold season, by a authorised dealer.

Secure the cap correctly.

Quality: see VI-5.

Front and rear screen wash and headlamp wash reservoir

For optimal screen washing and for your safety, use the products recommended by your authorised dealer.

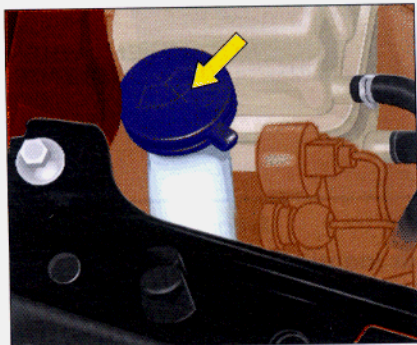
When topping up, fill slowly.

Reservoir level

The screen wash reservoir has a transparent tube which serves as a level gauge.

To check the level, block the vent hole with a finger.

Unclip the cover while keeping the vent hole blocked. The screen wash level will now be visible in the tube.



Windscreen wash fluid

For best cleaning results and for your safety, **use products recommended by the manufacturer to avoid any damage to the windscreen wash circuit.** These products assure protection down to -25°C to -30°C .

Coolant (heater and traction battery)

Top-up the level using the coolant fluid recommended by the authorised dealer, which gives assured protection of the cooling and heating systems from both freezing and corrosion.

When your vehicle is delivered, the coolant provides protection to -25°C .



Snow chains

Snow chains can be used on all tyre sizes specified in section V-12. Chains must only be fitted to the front tyres.

Only use fine link chains with a mesh size not exceeding fifteen millimetres (including the closing section). The chains must be removed before driving on roads which are not snow-covered. Otherwise, they would decrease road-holding, damage the tyres, and rapidly become damaged themselves.

Caution

When driving with snow chains, you must adapt your speed to the road and traffic conditions. Emergency braking must be performed with care.

Never dry-wipe the bodywork. Never use petrol, paraffin, trichloroethylene, strong detergents or methylated spirits for cleaning the paintwork or plastic parts.

Washing the bodywork

Frequent washing is necessary to maintain the appearance of the bodywork and keep the paintwork in good condition. Running water should be used if possible, but do not wash the vehicle in conditions of hot sunshine or very low temperatures.

In all cases, wait until the surfaces are cool.

When washing with water with an added detergent, rinse thoroughly and wipe with a chamois leather.



WARNING

**When driving the vehicle after washing,
brake briefly several times to remove the moisture from the brake linings.**

WASHING THE BODYWORK DURING CHARGING IS PROHIBITED

Bird droppings, insect deposits and tree resins can be extremely damaging to the paint surface and should be removed as soon as possible. Their damaging action is accelerated considerably in hot weather.

Your vehicle can be washed in an automatic car wash. However, it is necessary that the brush pressure is as low as possible, that the wash water contains a detergent and that thorough rinsing follows the detergent wash. Recent car wash installations usually meet these criteria.

The repeated use of a poorly maintained car wash can cause microscopic scratching of the paint surface causing the paint to appear matt, particularly with dark colours. Light polishing of the paint surface will restore the finish.

Glass cleaning

To obtain the best screen-wipe, use only the screen-wash additives distributed by an approved dealer. Products containing silicones are not recommended.

Wiper blades

Clean the wiper blade rubbers frequently using glass cleaner and a soft cloth. The presence of traces of grease, silicones and fuel reduces the efficiency of the wiper blades.

Advice

Replace the wiper blades once or twice a year, for example in spring and autumn.

Polishing the paintwork

Polish should be applied after shampooing or when it is seen that the washing water no longer forms beads on the paint surface. A polishing product approved by the manufacturer will provide protection against chemical corrosion.



When polishing the paintwork, do not apply polish to the plastic parts as it will be difficult to remove.

Metal trims and alloy wheels

Wash with soapy water. Rinse thoroughly before and after washing with clean water. To preserve the bright finish of the metal, use a car-care product approved by the manufacturer.

Tar spots on paintwork and plastic parts

Do not try to scrape off the tar, but remove immediately using a tar remover approved by the manufacturer.

Minor damage to the paintwork

Touch in scratches and paint chips using a paint pencil or aerosol sold by the manufacturer, ensuring that you carefully follow the instructions for use.

If rust spots appear, contact an approved dealer.

Advice

If using high pressure cleaning equipment, do not point the jet directly towards the various rubber protectors for steering and transmission components, nor towards the trims, roof seal, radiator or under the bonnet. In spite of the choice of materials and the anti-corrosion coatings applied in production, you are advised to have the underside of your vehicle cleaned and retreated following each period of frequent use on salted roads.

**WARNING**

HIGH PRESSURE WASHING IS PROHIBITED AS AN ELECTRICAL SAFETY PRECAUTION

- Plastic mouldings :

Remove dust, then use an interior cleaner approved by the manufacturer.

- Cloth trims :

Remove dust using a vacuum cleaner and brush, then use soapy water or an upholstery cleaner approved by the manufacturer to remove stains.

Do not use acetone or methylated spirits based solvent products.

- The floor can be washed using a sponge.**Advice**

For the most effective results in exterior and interior maintenance, use car care products approved by the manufacturer. They have been tested by the manufacturer for ease of use and efficiency.

Products for exterior use :

- car shampoo,
- protective polish,
- tar remover,
- glass cleaner,
- rubber protector,
- special aluminium and wheel cleaner.

Products for interior use :

- cloth upholstery cleaner,
- leather cleaner,
- scented interior plastics renovator.

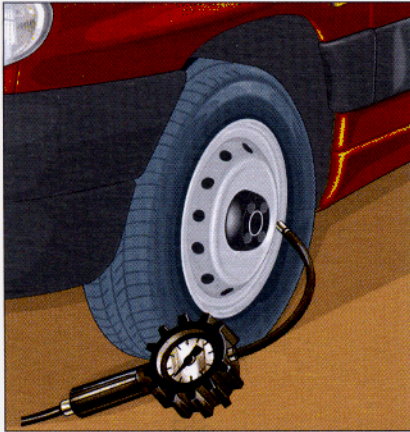


If the vehicle is left exposed to the sun for a long period you are advised to cover the tops of the seats to protect them from direct sunlight.



Section V PRACTICAL ADVICE

1	Advice on saving power	76
2	Safety advice	77 to 83
3	Fuses	84 to 87
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5	Changing bulbs	89 to 93
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8	Towing	97



Check the tyre pressures

Tyre pressures should be checked roughly once a month.

Remember that insufficient tyre pressure increases resistance to forward movement and therefore electrical power consumption and impairs handling.

Under-inflated tyres = danger.

Load your vehicle sensibly

Transporting objects on the roof increases air resistance and therefore consumption.

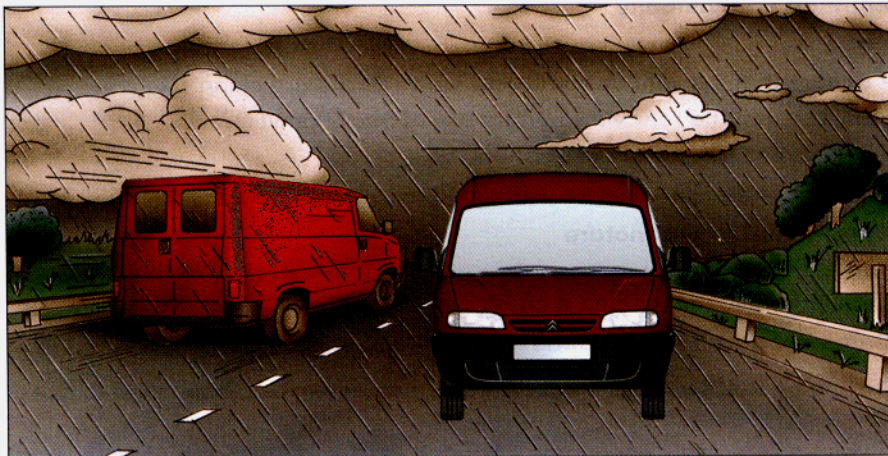
When this is necessary, spread the load evenly and make it as compact as possible.

Do not forget to remove the roof bars when they are no longer necessary. Also, do not keep unnecessary loads in the vehicle. They will consume electrical power needlessly.

Correct use of your econoscope and power recovery on deceleration of the vehicle will save power

Advice and recommendations

As well as the advice on the preceding pages, we also offer you some additional recommendations - but not an exhaustive list - to enhance your driving pleasure, comfort and safety.



Advice and recommendations

In wet or foggy weather, keep your distance, slow down - braking distances are increased - and switch on the dipped headlamps.

Wet or cold weather

- In wet or foggy weather, keep your distance and slow down - braking distances are increased - switch on the dipped headlamps.
Grip is reduced on wet or slippery surfaces, particularly if the tyre tread is worn.
The tendency to aquaplane depends on the depth of water on the road and can happen even if the tyres are in good condition.
- Change the wiper blades when they start to leave streaks on the glass.
- Take special care if the outside temperature is + 3°C or below (risk of black ice).
In frosty weather, never use the windscreen wiper and washer when starting off.

In snow

- Poor grip considerably reduces traction, directional control and braking efficiency.
- In winter conditions, the use of winter tyres is advised. Drive smoothly, without harsh acceleration or braking.
- Avoid wheel spin when pulling away and drive slowly.
- When going downhill, use 1st or 2nd gears to provide maximum engine braking and apply the brakes gently.
- Your dealer can provide snow chains or tyres for use in severe weather conditions.

Lighting and visibility

- Maintain good visibility at all times.
- Ensure that the windows and rear view mirrors are clean.
- Ensure that the rear view mirrors are correctly positioned.
- You should carry a set of spare bulbs.
- The lights are essential for your safety and that of others. They must be in good order, properly adjusted and clean.

In the event of a puncture

Switch on the hazard warning lamps and get all the occupants away from the vehicle and to a place of safety, away from the traffic and behind a crash barrier if possible.

Damaged and flooded roads

Driving on roads whose surfaces are damaged can cause damage to tyres, wheel rims, under-body and suspension geometry settings.

If you unexpectedly encounter a flooded road and the depth of water is such that it touches the under body of the vehicle, stop immediately and find an alternative route.

Driving with children

- Never leave a young child in a vehicle in the sun with all the windows shut.
- Children must not be allowed to stand between the backrests of the front seats. They risk being thrown forwards if you brake sharply or are in an accident.
- Before opening a door, make sure that this can be done safely.
- Before leaving your vehicle, remove the ignition key and make sure that the handbrake is fully on.
- Never leave the keys in the vehicle. A child could inadvertently activate the door locks by operating the remote control or by pushing down the locking button of a door.
- In no circumstances should a child travel on the lap of a front seat passenger (risk of being thrown against the dashboard or windscreen in the event of a collision).
- It is a legal requirement that children use an approved restraint appropriate to their age and weight (see I-9).

Any operation under the bonnet necessitates a number of safety precautions.

- be particularly careful both before and during all under bonnet checks.
- allow the engine to cool down. Keep children away from the vehicle.

Operate safely:

- make sure that you possess the necessary tools and expertise.

Work in safety

The first rule of safety is to work in a suitable environment.

Do not operate on a public right of way or close to any moving traffic. Do not carry out work in a space that is confined or has poor ventilation.

Choose flat, stable ground, sheltered from the wind. Keep children well away from the vehicle.

Bonnet (see I-3)

Make sure that the bonnet prop is correctly located. Beware of gusts of wind! A sudden closing of the bonnet could cause injury.

Battery (see II-7)

Never allow any metal components or tools to bridge the terminals; the resulting short circuit will cause extreme heat generation and risk of serious burns.

The battery contains acid which is extremely harmful to eyes and skin.

When handling the battery, wear suitable protective clothing such as gloves and goggles.

Batteries give off small quantities of hydrogen gas which becomes explosive in certain conditions. Do not, therefore, expose a battery to a naked flame.

**Never underestimate the difficulties of the repairs intended.
Make sure that you possess the necessary tools and level of expertise to enable you to work in safety.**

Radiator

The coolant fluid can reach temperatures exceeding 100°C in normal use.

Never remove the radiator cap of a hot engine; there is a risk of a sudden discharge of scalding water and steam (see II-9).

Exhaust system (when hot)

Beware of the very high temperatures attained by the various components of the exhaust system.

Petrol

Be extremely careful when decanting or draining petrol or when repairing petrol leaks because of the high risk of fire.

On the road

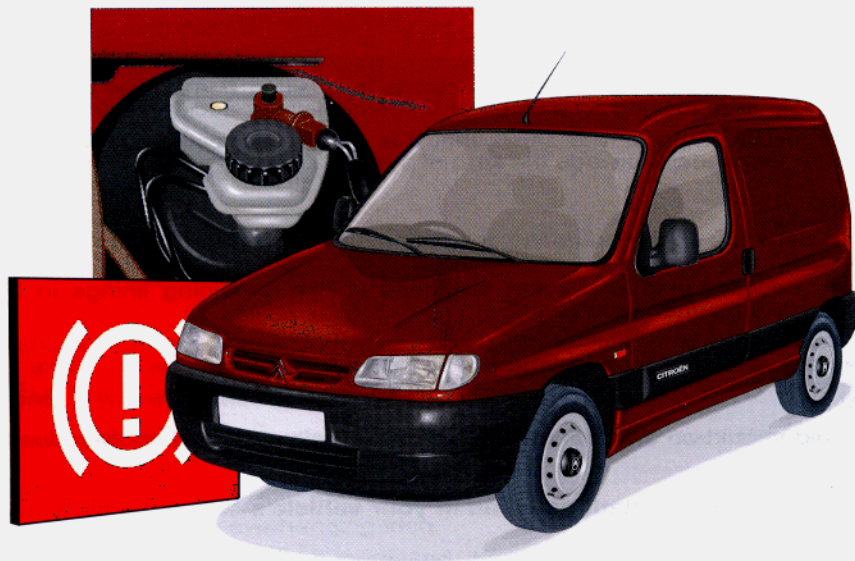
If a warning lamp comes on during a journey, stop as quickly as possible with due regard to other road users and switch off the ignition.

We remind you that you can contact authorised dealer Assist at any hour, day or night, by ringing a telephone number to be found in the Assist booklet supplied with your handbook pack).

During the period of guarantee, breakdown costs to your vehicle are covered (see VI-10).

AT ALL TIMES

- Keep children away from the vehicle.
- Avoid working at the roadside. Only in case of emergency should repairs be carried out near other traffic - take suitable safety precautions.
- Make sure that the passengers get out of the vehicle and away from the carriageway to a place of safety (the hard shoulder of a motorway is NOT a place of safety).
- Make other traffic aware of the presence of your vehicle.
- Preferably, call an authorised professional recovery service for help.



Brakes

- **Check the brake fluid level regularly.**

If the warning lamp comes on while driving, stop immediately and contact an approved dealer.

When driving on wet roads or after washing the vehicle, the response of the brakes may be slightly delayed.

The synthetic brake fluid has anti-corrosion properties while maintaining the correct braking characteristics irrespective of the conditions. Use only the brake fluid approved by the manufacturer (this fluid must be changed every 60,000 km, equating to 37,500 miles for petrol or 40,000 miles for diesel, or every two years whichever is the sooner).

These instructions, which must be followed, are given in your Maintenance Guide.

Handbrake (See II-10)

Before leaving your vehicle, ensure that the gear selector is in position **P** and that the handbrake is sufficiently applied to prevent the vehicle from moving on a slope or if intentionally or accidentally pushed.

On steep slopes, it is especially important to check that it is applied correctly. It is also recommended that you engage position **P** and turn the wheels towards the kerb (if there is one).

Brake pads and linings

Wear of the brake linings depends on the operating conditions (urban driving, stop-start driving), and the individual driving style and road conditions.

Consequently, it may be necessary to check the thickness of the remaining linings in between the services recommended in your vehicle's Maintenance Guide.

It is essential that they are replaced by a member of the dealer network.

Hydraulic fluid (see IV-2)

Subject to ageing, the fluid should be drained and refilled periodically. Old fluid could reduce the efficiency of the hydraulic system.

It is essential to follow the recommendations given in your vehicle's Maintenance Guide.

Follow the servicing schedules listed in the maintenance guide carefully to ensure optimum performance and reliability.

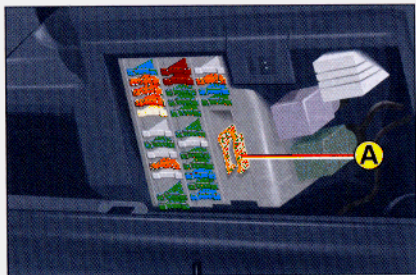
Roof bars

- The design of your vehicle is such that only roof bars tested and approved by the manufacturer should be used, to ensure your safety and to avoid damaging your vehicle.
- **Spread the load evenly**, avoid overloading one side.

Keep to the prescribed load capacity. Maximum load, distributed over the roof bars or roof rack: 220 lbs (100 kg) in total.

- Place the heaviest load as close as possible to the roof.
- Fasten the load securely and flag any overhanging load.
- Drive smoothly. The effect of side winds will be increased, affecting the stability of your vehicle.
- Remove the roof bars or roof rack when no longer needed.

There are two fuse boxes, under the fascia and in the engine compartment.

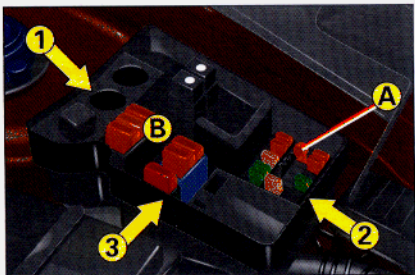


Fascia fuses

To access the fuses under the fascia (to the right of the driver), turn the two knobs on the cover by one quarter of a turn.

Fuse chart and table

See following pages.



Engine compartment fuses

To access the fuse box in the engine compartment (next to the front left wheel arch), unclip the cover in the sequence shown in the diagram.

At the end of the operation, close the cover very carefully.

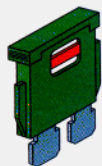
WARNING

Operations on the MAXI second-level protection fuses, located at B, must be carried out by an approved dealer.

Fuse chart and table

See following pages.

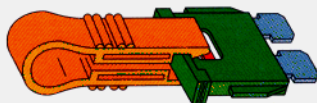
Correct



Incorrect



Pliers A



Removing and inserting a fuse

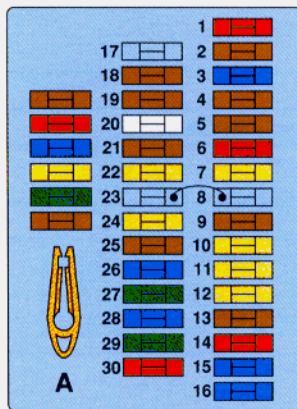
Before changing a fuse, it is necessary to know and correct the cause of the incident. The fuse numbers are marked on the fuse box.

Always replace a faulty fuse with a fuse of the same amperage.

Use the special pliers **A** provided on the fuse box.

TABLE OF FUSES

(According to model or country)



Fuse box under the dashboard

The unmarked fuses are spare fuses.

Always replace a blown fuse with a fuse of the same amperage.

Fuse	Amperage	Supply type	Functions protected
F1	10 A	+ve Accessories	Radio.
F1 A		+ve Battery	
F2	5 A	ignition on	PRND gear selector gate supply - Diagnostic socket - Lights-on audible warning
F3	20 A	ignition on	Relay box supply - ECU - Vacuum pump
F4	5 A	+ve sidelamps	Front LH parking lamp - Lights-on audible warning - Rear RH parking lamp
F5	10 A	ignition off	Fan (low speed)
F6	10 A	ignition off	Spare
F7	10 A	+ve Battery	Horn - Diagnostic socket
F8	—	shunt	Fuse location for permanent consumer cut-off
F9	5 A	+ve sidelamps	Front RH parking lamp - Rear LH parking lamp - LH/RH number plate
F10	20 A	+ve Battery	Electric window One-touch unit supply
F11	20 A	+ve Battery	RH electric window
F12	10 A	ignition on	Relay control - Power steering - Instrument panel - Heater control
F13	5 A	+ve Battery	LH electric window
F14	10 A	+ve Battery via shunt	High Frequency plip receiver

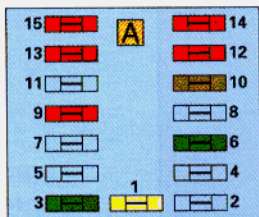
TABLE OF FUSES

(According to model or country)

Fuse	Amperage	Supply type	Functions protected
F15	15 A	+ve Battery	Central locking unit
F16	15 A	+ve Battery	Cigar lighter
F16A		+ve Accessories	
F17	20 A	E / S	Fan (high speed)
F18	5 A	+ve Parking lamps	Rear foglamp + warning lamp
F19	5 A	+ve Sidelamps	Instrument panel lighting - Switches - Ashtray Radio - Heating/ventilation control
F20	25 A	ignition off	Heating/ventilation blower
F21	5 A	ignition off	Heated rear screen switch - Heated rear screen timer
F22	20 A	+ve Accessories	Rear screen wiper motor (left/right) - Rear screen wiper timer
F23	—	+ve battery via shunt	Fuse location for permanent consumer cut-off
F24	20 A	+ve Accessories	Windscreen wiper Windscreen wiper motor
F25	5 A	+ve Battery	Front/rear interior lighting - Instrument panel supply - Radio (memory)
F26	15 A	+ve Battery	Hazard warning lamps switch
F27	30 A	+ve Battery	Heated rear screen Heated rear view mirror
F28	15 A	+ve Accessories	Electric rear view mirror - Windscreen wiper timer
F29	—	+ve Battery	Spare
F30	10 A	+ve Accessories	Map reading lamp - Direction indicators - HF receiver - Instrument panel

TABLE OF FUSES

(According to model or country)



Motor compartment fuses

Remove the cover. The unmarked fuses are spares.

After changing the fuse, close the cover very carefully.

Fuse	Amperage	Supply type	Functions protected
F1	—	+ve Battery	Spare
F2	40 A	+ve Battery	Relay box
F3	—	+ve Battery	Spare
F4	15 A	+ve Battery	Additional heating
F5	—	+ve Battery	Spare
F6		+ve Battery	Spare
F7	—	+ve Battery	Spare
F8	5 A	+ve Battery	Charging flap ECU
F9	10 A		Coolant pump
F10	5 A		Info + starter
F11	10 A		Fan
F12	10 A		LH main beam
F13	10 A		RH main beam
F14	10 A		LH dipped beam
F15	10 A		RH dipped beam

BULB CHART

FRONT	
Headlamps	H4 Halogen 60/55 W
Side lamps	W 5 W
Direction indicators	PY 21 W - Orange bulb
Direction indicator side repeaters	W 5 W
REAR	
Brake and side lamps	P 21 / 5 W
Direction indicators	PY 21 W - Orange bulb
Reversing lamps	P 21 W
Rear fog lamp	P 21 W
Number plate lamps	W 5 W
Additional brake lamp (Third brake lamp)	W 5 W
INTERIOR	
Courtesy lamps	W 5 W



The headlamps should be switched off for a few minutes before the halogen bulbs are changed.

Do not touch the bulb directly with your fingers, use a lint-free cloth.

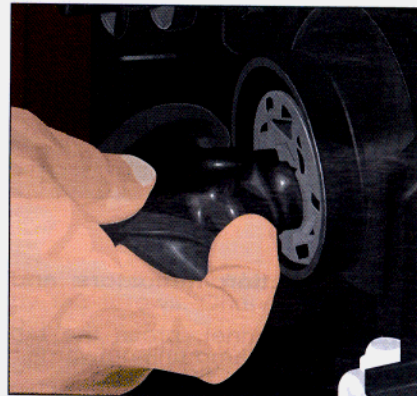
Headlamps

Removal :

- Disconnect the connector and release the rubber protector.
- Unclip the two retaining clips.
- Remove the bulb.

Refitting :

Proceed in the reverse order.



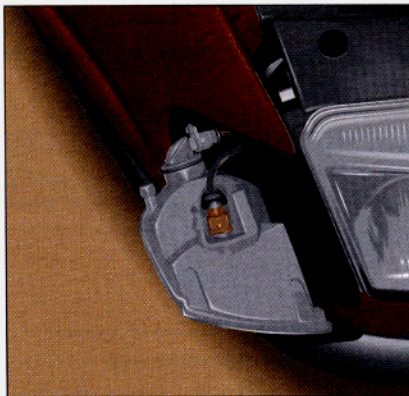
Advice

At the end of each operation, check that the lights are working properly.



Front direction indicators and side lamps

Open the bonnet, press the tab and push the lamp unit outwards.



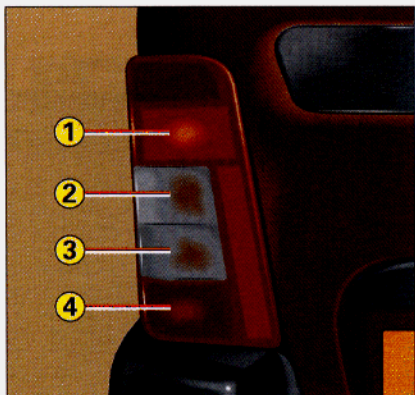
Turn the bulb base one quarter turn and change the bulb.

Replace the lamp unit, engaging the two upper and lower guides. Push the lamp unit into position.



Direction indicator side repeaters

Push the unit forwards to unclip it and pull it towards you. Turn the bulb holder one quarter turn.

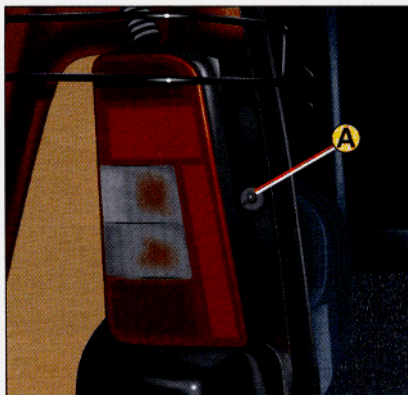


Rear lamps

Note the position of the faulty bulb.

Bulbs :

- 1 Fog lamp
- 2 Direction indicator lamp
- 3 Reversing lamp
- 4 Brake lamp - Side lamp

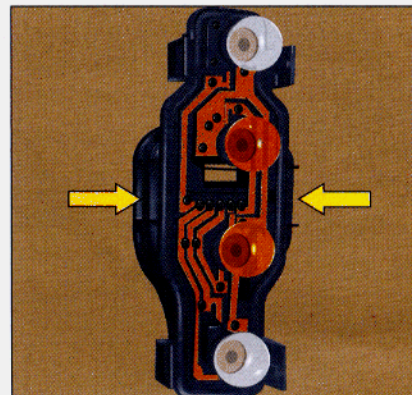


Open the rear door to 180° on the side of the faulty bulb (see I-2).

Unscrew the butterfly nut **A**.

Gently push the lamp unit towards the inside of the vehicle to release the two side retaining lugs.

Remove and disconnect the lamp unit.



Unclip the bulb holder as indicated by the arrows. Change the faulty bulb.

When refitting, ensure that the grommet is properly seated and close the rear doors in the correct sequence (see I-2).



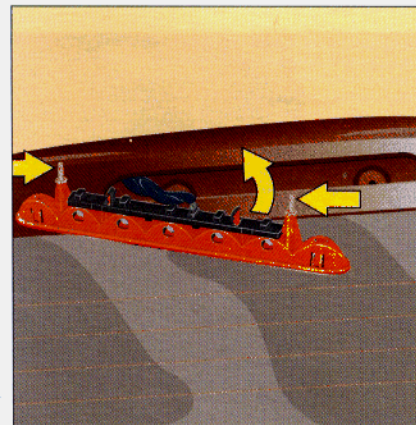
Front courtesy lamps

Unclip the cover to gain access to the bulb.



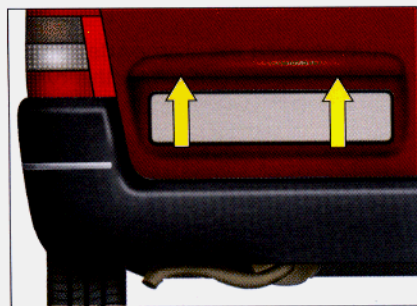
Rear courtesy lamp

Unclip the cover to gain access to the bulb.



Brake lamp (tailgate)

Open the tailgate, unscrew the two nuts.
Unclip the support to gain access to the bulbs.



Number plate lamp

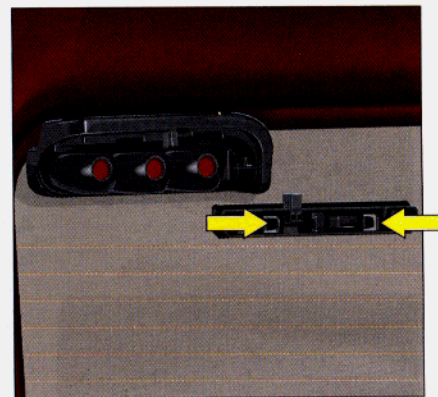
Unscrew the translucent cover to gain access to the bulb.



Additional brake lamp* (Third brake lamp)

Remove the cover by pressing on the tab (round section) at the end of the lamp (in accordance with the arrows).

Pull the cover towards the rear.



Remove the bulb holder by squeezing the two tabs.

Pull out the faulty bulb and change it. To refit, proceed in the reverse order.

* Option depending on version.



Regularly inspect the tyres to see whether they have suffered any damage: wear due to unexpected friction, cuts, cracks, swellings, etc.

The presence of foreign bodies can also be the cause of internal damage.

Correct pressures ensure:

- Better road-holding.
- Precise, smooth steering.
- Optimum fuel consumption.
- Longer tyre life.

Ensure that the tyre pressures conform to the manufacturer's recommendations.

They must be checked regularly. These checks must be carried out when the tyres are cold.

Never deflate tyres when they are hot.

Advice

Ensure that the tyres are always in good condition and correctly inflated.

Too low a pressure causes an abnormal increase in the temperature of the tyre which can lead to irreparable internal damage and even complete destruction of the tyre.

Impacts with the edges of pavements, in pot-holes, or with unforeseen obstacles on the road can damage the tyres and also result in misalignment of the suspension, making driving less safe and causing rapid deterioration of the tyres. We therefore recommend that you have the tyres and suspension checked after any such incidents or after prolonged driving on poor surfaces, as this may be the start of damage which is only later apparent.



Punctures

A punctured tyre must always be removed from the wheel to check whether any secondary damage has occurred. If repair is possible and necessary, it must be carried out as soon as possible by a specialist in order to avoid any additional damage to the tread.

In all cases, tyre repairs must be put in the hands of a specialist who must then take full responsibility.

Tread wear indicators

Check the tread depth.

Legal minimum: 1.6 mm.

Tread wear indicators on the tread show the safe limit of wear of the tyre.

Drive very carefully on slippery roads.

Table of tyre pressures**Michelin Tubeless Tyres**

Type: 165/70 R 14 XC4S

Pressure (in p.s.i. [bars]):

Front: 41 p.s.i. [2.8 bar]

Rear: 41 p.s.i. [2.8 bar]

Advice and Recommendations

For your safety, it is essential that the tyres are in good condition.

Ensure that the tyre pressures, including the spare, are maintained at the recommended pressures. They should be checked regularly, once a month for example, and before every long journey. The pressures should only be checked when the tyres are cold as pressure increases as the tyre temperature increases with driving.

Never reduce the pressure of a warm tyre.

Snow chains must only be fitted to the front wheels.

* According to equipment or country.

Always ensure that the tyres are inflated correctly.



As your Electric Vehicle does not have a spare wheel, a temporary puncture repair aerosol can be found under the front passenger seat.

Using the repair aerosol

Refer to the instructions on the aerosol can.

- If possible, remove the object which caused the puncture.
- Turn the wheel so that the valve is at the 2 o'clock or 10 o'clock position.
- Shake the aerosol vigorously and in cold weather warm it in your hands for a few minutes.
- With one hand, keep the valve connector projecting from the wheel rim and with the other press the aerosol nozzle hard onto the end of the valve in a straight line with it.
- Maintain the pressure firmly for one minute.

- Remove the aerosol and immediately drive 6 miles (10 km).
- Adjust the pressure again and check it after about 10 hours.

After use, it is necessary to have the condition of the tyre and its pressure checked without delay.

Advice

A punctured tyre must always be taken off the wheel to check whether it has suffered any secondary damage. If repair is possible and necessary, it must be carried out as soon as possible by a specialist to prevent any further damage to the structure.

Tyre repairs must always be carried out by a tyre specialist who could assume full responsibility for the repair.



WARNING

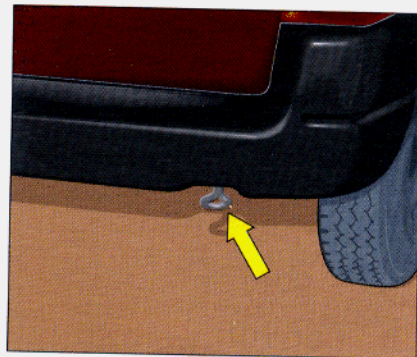
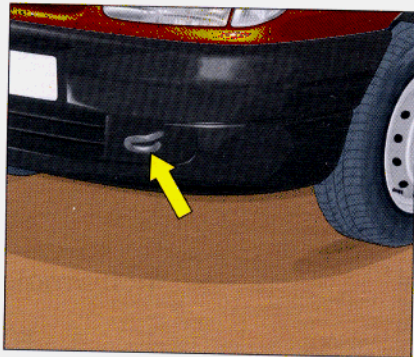
Because the aerosol is pressurised, do not expose it to temperatures higher than 50°C.

Towing with all wheels on the ground

Towing rings are provided at the front and rear of the vehicle.

Towing at a slow speed and over a short distance, with the gear selector in position N, is permitted in exceptional circumstances (in accordance with regulations).

Use a towbar attached to the towing ring as shown above.



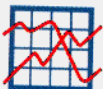
Do not remove the ignition key so as to retain control of the steering.

NEVER TOW THE VEHICLE WITH THE FRONT OR REAR WHEELS RAISED.

To prevent risk of damage to the vehicle, it is recommended that it is transported on a flat-bed trailer.



When the ignition is switched off, steering and braking are no longer power-assisted.



Section VI TECHNICAL SPECIFICATIONS

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BERLINGO Electrique	
SA18 type motor	continuous current with separate excitation
Nominal power	15,5 kW
Maximum power	28 kW
Fiscal rating (France only)	4 CV
Maximum motor speed	6,500 rpm
Maximum torque	180 Nm
Maximum speed	60 mph (95 km/h)
Average range	45 miles (75 km)
Average consumption on the gauge	26 kWh/60 miles (100km)
Traction battery	
Motor 1h capacity	100 Ah
Overall voltage	162 V
Converter	
Voltage	14,1
Current	70 A
Charger	
Usable power	3 kW
Supply	230 V
Type of current	16 A*
Battery and ECU cooling	see II-9
Weight (kg)	
Kerb weight	1466
Loaded (GVW)	1966
Max. on front axle	1060
Max. on rear axle	1080
Payload (including driver)	500

* According to country.

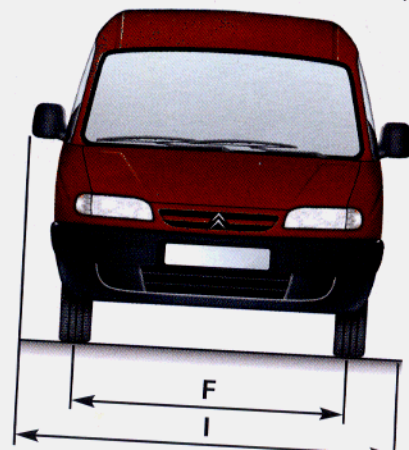
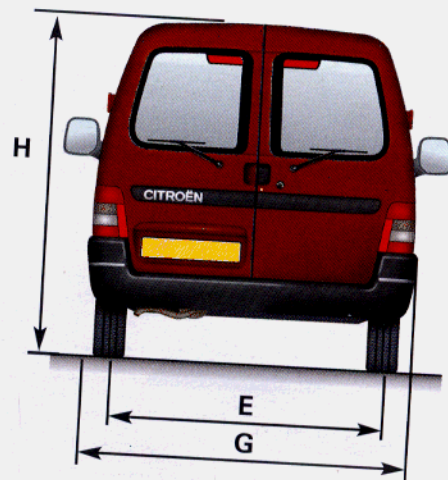
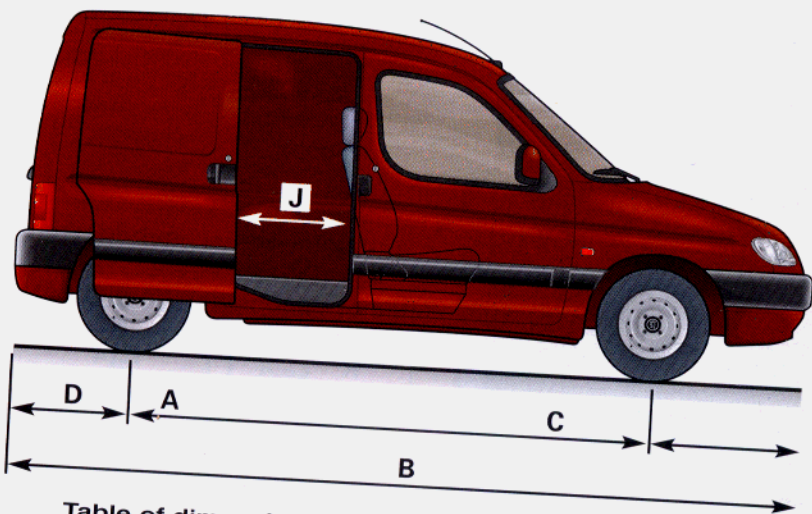


Table of dimensions (in metres)

A	2.69
B	4.11
C	0.82
D	0.60
E	1.44
F	1.42
G	1.72
H	1.81
I	1.96
J	0.57

* According to specification.

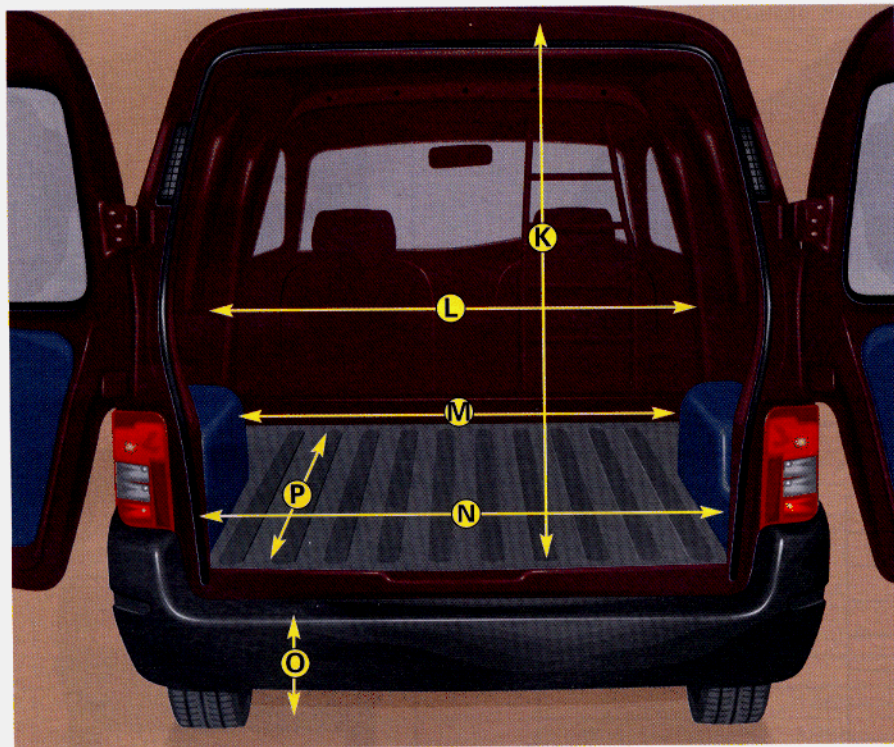


Table of dimensions (in metres)

K	1.14
L	1.32
M	1.19
N	1.19
O	0.57
P	1.70

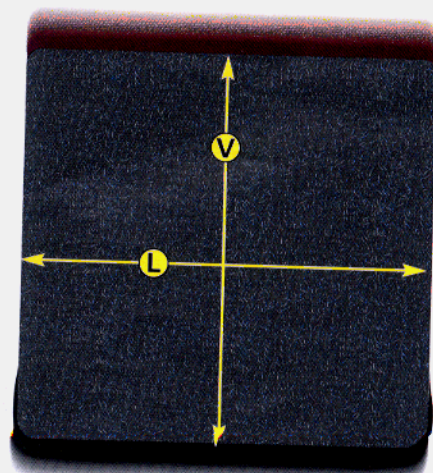
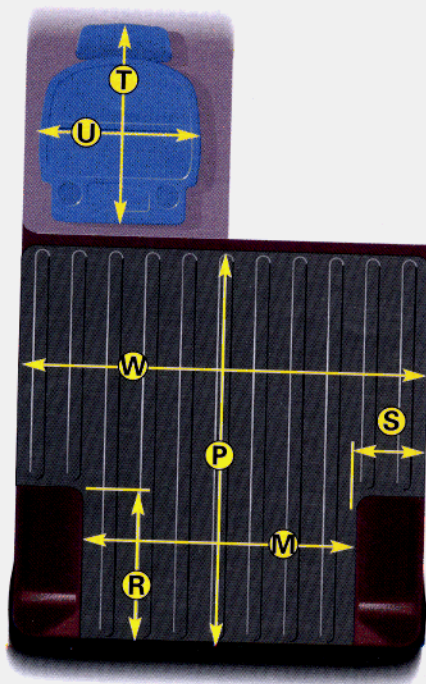
* According to specification.

Floor and multi-purpose seat

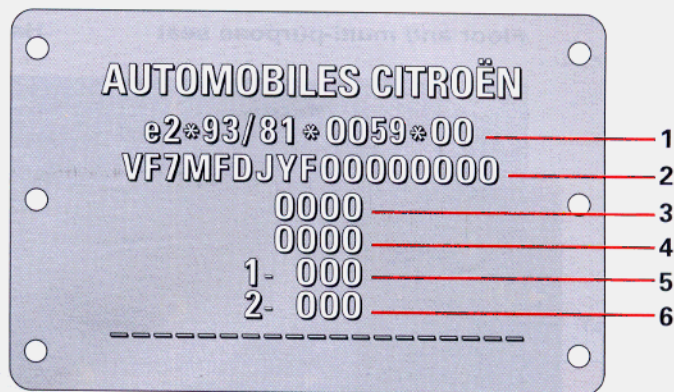
Half-height

Table of dimensions in metres

R	0.89
S	0.24
T	0.38
U	0.42
V	1.53
W	1.67



* According to model.

**Chassis number plate**

In the load compartment, near the catch.

- 1 : Type approval number*
- 2 : Vehicle Identification Number (VIN)*
- 3 : Gross vehicle weight*
- 4 : Gross train weight*
- 5 : Max. weight on front axle*
- 6 : Max. weight on rear axle*

Colour code:

On the front right hand wheel arch under the bonnet.

All original CITROËN replacement parts are available from CITROËN and are exclusive to the marque.

It is in the user's interest, for his safety and for the sake of the warranty, to reject all other parts. Fitting parts or units not supplied by CITROËN may even result in a violation of the law, if it results in non-compliance with the regulations.

* According to country.

- Accessories, replacement parts

Your vehicle has been designed using the most modern techniques to provide you with the highest level of active and passive safety.

It is essential that the operating characteristics of your vehicle are maintained and that its specifications are not modified.



When choosing and fitting accessories, you should therefore contact an approved dealer. The dealers are in the best position to advise you, as a result of their product knowledge and the close contact maintained with the manufacturer.

Advice

Use only accessories and genuine replacement parts approved by the manufacturer for your vehicle.

These accessories and replacement parts are designed for your vehicle and have been tested and approved for reliability and safety. The manufacturer cannot provide this assurance for any other products.

A large range of genuine accessories, approved and guaranteed by the manufacturer is available from an approved dealer:

- **Security** : Anti-theft alarms approved by insurance companies, glass etching, wheel anti-theft devices, etc.
- **Protection** : Seat covers, carpets.
- **Communication** : Mobile telephone, radio, CD player, CB.
- **Customising** : Bodywork finishers, spoilers, wooden interior finishers, wood, leather steering wheel, etc.
- **Comfort** : Air conditioning, additional heating, sun roof, storage facilities, etc.
- **Load carrying** : Roof bars, ski carrier, etc.
- **Children** : Child restraints, side blinds, etc.
- **Maintenance products** : Screen wash liquid, coolant, interior and exterior cleaning and maintenance products.

POWER STEERING	TOTAL FLUIDE ATX
COOLANT	Coolant specified by CITROËN to be replaced every five years Ref. 9979 13 : 1 L. Ref. 9979 43 : 1 L.
SYNTHETIC BRAKE FLUID	Brake fluid specified by CITROËN to be replaced every 60,000 km (36,000 miles) or every two years, whichever is the sooner Ref. 9979 05 : 0.5 L. Ref. 9979 06 : 1.0 L. Ref. 9979 07 : 5.0 L.

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Continual technical evolution allied with constant research for better reliability requires a close collaboration between motor car manufacturers and oil companies.

Since 1964 research and tests have been carried out in common by CITROËN and TOTAL, in the laboratory and on the road.

This collaboration was symbolised in 1967 by the slogan:

« **CITROËN PREFERS TOTAL** »

It constantly offers the users of all CITROËN vehicles high quality products to fulfil the conditions required by CITROËN.

TOTAL partners CITROËN

— **YOUR PARTNER** —



Warning

- Prolonged and repeated contact may cause serious skin disorders, including dermatitis and cancer.
- Avoid excessive contact, use a barrier cream and wash thoroughly after contact.
- Keep out of reach of children.

Protect the environment

It is illegal to pollute drains, water courses or soil. Use authorised waste disposal facilities, including civic amenity sites and garages providing facilities for receipt of used oil. If in doubt, contact your local authority for advice.

Vehicle security alarm*

The alarm provides perimeter protection (exterior) of the doors, tailgate or bonnet, as well as volumetric protection (interior) registering movement or change of volume of the air within the passenger compartment by means of ultrasonic sensors.

It is possible to override the volumetric protection of the interior (so that, for example, an animal can be left in the vehicle) while still preserving the perimeter protection.

To ensure that full protection is afforded against theft of the vehicle contents and of the vehicle itself, you must use all the anti-theft devices at your disposal.

Before leaving your vehicle:

- Completely close all windows and do not leave objects visible inside.
- Remove the ignition key, turn the steering wheel to engage the steering lock.
- Deadlock all doors using the remote control. This action will simultaneously arm the alarm.

When the alarm is correctly armed, the direction indicators light for two seconds and the red warning lamp on the dashboard flashes continuously.

If you deadlock the vehicle with the key, the alarm will not be armed.

DEADLOCKS**Central electric deadlocking**

The key integral with the remote control enables you to lock or unlock all the doors from either front door.

If one of the front doors is open, the central locking will not operate.

Holding the key in the locking position for one second operates the deadlocks. It is then impossible to open the doors from inside the vehicle.

WARNING : The remote control transmitter emits a powerful signal allowing the door locking/unlocking to be operated from a distance. Activating the transmitter (even if in your pocket) whilst still within range could cause the door locks to operate without your knowledge.

To protect your vehicle against theft

Before leaving your vehicle:

Fully close all windows and do not leave objects visible inside.

Remove the ignition key, turn the steering to engage the lock and lock all doors.

* According to model.

DEADLOCKS

Remote control (integral key)

The advantages of the high frequency signal emitted by the remote control transmitters are:

- does not require aiming at the vehicle.
- penetrates the bodywork and any load on board.
- has a large operating range.

Illumination of the small red warning lamp while pressing the buttons indicates that the batteries are in a serviceable condition.

Electric deadlocking

The deadlocking remote control **2** has two buttons **A** and **B**.

A operates the conventional locking and unlocking of the vehicle, as described above. This operation is confirmed by the direction indicators flashing. If one of the front doors is open, the locking will not operate.

The deadlocks are operated by pressing button **B** immediately after pressing button **A**. These two successive actions are essential to deadlock the vehicle.

Only press buttons **A** and **B** once to activate the remote control. Holding the buttons down will not make any difference to the operation.

Should the remote control fail to operate or be lost, the vehicle can be unlocked using the key - refer to the following page for advice on the alarm.

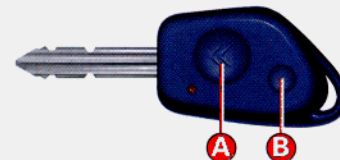
It is not possible to have more than two working remote controls for the same vehicle.

Recommendation

Make a note of the key number and the remote control number and keep it in a safe place - not in the vehicle.

In case of loss, the CITROËN dealer network can supply you with a new key or remote control.

* According to model.



WARNING

**It is dangerous to deadlock a vehicle while somebody remains inside,
as with the deadlocks engaged, it is impossible to unlock the doors from inside.**

Vehicle security alarm*

Your CITROËN may be fitted with a SECURITY ALARM. This alarm provides perimeter protection (exterior) of the doors and bonnet, as well as volumetric protection (interior) registering movement or change of volume of the air within the passenger compartment by means of ultra-sonic sensors.

The installation includes : a self-powered siren, interior sensors and switch, door sensors and a warning lamp.

ARMING THE ALARM

The alarm can only be armed by pressing button A then button B of the central locking remote control transmitter.

Before arming the alarm, the doors, windows and sun roof must be closed.

The alarm can now be armed. The direction indicators light for two seconds and the red warning lamp on the dashboard flashes continuously. (If you lock the vehicle with the key, the alarm will not be armed).

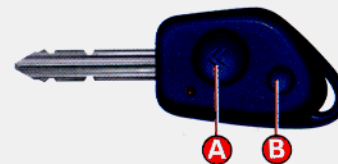
Should the alarm fail to arm (indicators flash rapidly for two seconds) or the deadlocks fail to engage, check that all the doors are fully closed. If the problem persists, consult a CITROËN dealer.

The alarm siren and the headlamp dipped beam will be triggered and operate for 30 seconds in the following circumstances:

- If a door or the bonnet or tailgate is opened.
- If the air inside the vehicle is disturbed. (Detection starts 45 seconds after arming. An animal left in the vehicle, or an open window will trigger the alarm if the volumetric protection is in service).
- If there is an unauthorised attempt to disable the alarm.

DISARMING THE ALARM

The alarm is disarmed from outside the vehicle by pressing button **A** of the remote control. The direction indicators will flash rapidly for two seconds and the red dashboard warning lamp will extinguish. If the alarm has been triggered during your absence the red warning lamp will be flashing rapidly. To cancel the flashing, switch the ignition on.



* According to model or option.

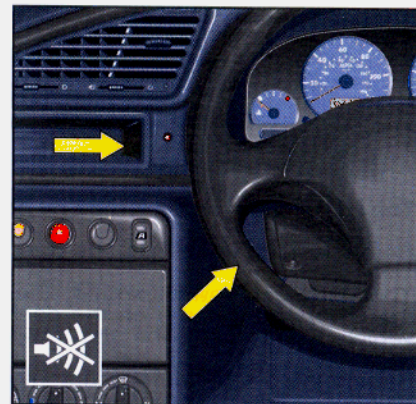
ALARM ***Override of volumetric protection**

It is possible to override the volumetric protection of the interior (so that, for example, an animal can be left in the vehicle) while still preserving the perimeter protection.

With the ignition off and the alarm disarmed, press the switch for at least 2 seconds. The warning lamp on the dashboard lights continuously.

The override is then effective for the next arming of the alarm with the remote control. Only the perimeter protection (doors, bonnet) is in operation.

Pressing the switch again for one second (or disarming the alarm) re-establishes the availability of the volumetric protection. The override procedure must be repeated every time you wish to arm the alarm without volumetric protection.

**Disarming the alarm without the remote control**

Should the remote control not be available, the alarm can be disarmed in the following way:

- unlock the doors with the key and enter the vehicle (the siren will sound).
- within 10 seconds of the siren sounding, press and hold the volumetric protection override switch whilst turning on the ignition.

If necessary, repeat the procedure if the siren restarts (after 30 seconds).

* According to model.

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SL1 4BA

The descriptions and data in this handbook are given without obligation. CITROËN reserves the right to modify its models without necessarily keeping this manual up to date