

RENAULT Master





elf

RENAULT recommends ELF

For all engines

ELF EXCELLIUM LDX 5W-40
ELF ULTIMATE 5W-40

Premium performance. Best engine care under the most severe conditions

ACEA A3 / B3 / B4

ELF EVOLUTION SXR 5W-40

Premium performance

ACEA A3 / B3 / B4

For all engines

ELF COMPETITION ST 10W-40
ELF PREMIER PLUS 10W-40
ELF TURBO DIESEL 10W-40

Other types of lubricants approved by RENAULT, for petrol or diesel engines.

ACEA A3 / B3

ACEA B3 / B3

ACEA B3 / B4

5 or 6-speed manual gearbox

TRANSELF TRX 75W-80

API GL5

RENAULT recommends ELF approved lubricants.

For top-ups or oil drain, we recommend you to use only original lubricants.

For further information, please contact your RENAULT Dealer or go to www.lubricants.elf.com





Brief overview

-  • Tyre pressures 0.04
-  • Adjusting the seats and the driver's position 1.16 - 1.17
-  • Child restraints 1.27 ➔ 1.35
-  • Warning and indicator lights 1.40 ➔ 1.47
-  • Horns and headlights 1.54 ➔ 1.57
-  • Running in, driving 2.02 ➔ 2.24
-  • Heating/Air conditioning 3.02 ➔ 3.11
-  • Opening the bonnet 4.02
-  • Levels (engine oil, windscreens washer, etc.) 4.03 ➔ 4.09
-  • Emergency spare wheel 5.02 ➔ 5.06
-  • Practical advice (replacing the bulbs, fuses, repairs, operating faults) 5.02 ➔ 5.37

C O N T E N T S

Sections

Getting to know your vehicle

1

Driving

2

Your comfort

3

Maintenance

4

Practical advice

5

Technical specifications

6

Alphabetical index

7

TYRE PRESSURES

(in bar or kg/cm², **when cold**)

Tyre sizes (original fittings)	195/65 R 16	215/65 R 16	225/65 R 16	205/75 R 16
Wheel sizes	6 J 16			
Front	3.8	3.9	3.8	4.2
Rear	3.8	4.3	4.4	4.75
Spare wheel	3.8	4.3	4.4	4.75

Special features of 205/75 R 16 tyres

These tyres **cannot be fitted with chains**. Contact your RENAULT Dealer.

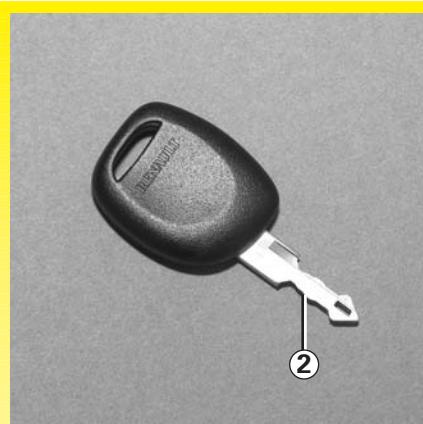
Section 1: Getting to know your vehicle

Keys - Remote control units	1.02 - 1.05
Doors	1.05 ➔ 1.10
Dropside with side panels	1.11 - 1.12
Anti-intrusion alarm	1.13 - 1.14
Engine immobiliser	1.15
Seats	1.16
Headrests	1.17
Seat belts	1.18 ➔ 1.35
Front seat belt pretensioners	1.20
Airbag	1.20 ➔ 1.24
Child safety	1.27 ➔ 1.35
Driver's position	1.36 ➔ 1.39
Instrument panel	1.40 ➔ 1.50
Clock	1.51
Exterior temperature	1.51
Rear-view mirrors	1.52
Windscreen wipers	1.53
Buzzers / Lights	1.54 ➔ 1.57
Electrical headlight beam adjustment	1.56
Fuel tank	1.58 - 1.59

KEYS/REMOTE CONTROL UNITS



1 Radio frequency remote controls,
ignition key, key for doors and
fuel filler cap.

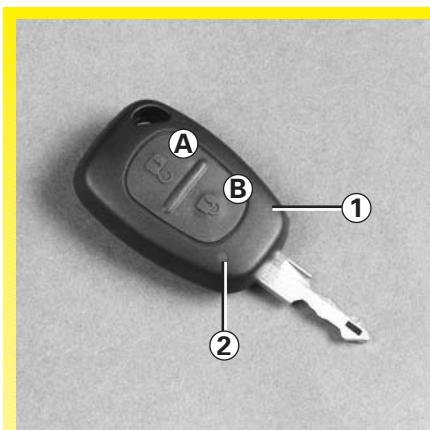


2 Ignition key, key for doors and
fuel filler cap.



If there is a child (or a pet) in the vehicle, never leave it unattended with the key in the ignition. With the key in the ignition he or she could start the engine or operate electrical equipment such as the electric windows and there is a risk that the child may be injured (by trapping his or her neck, arm, hand, etc.). Risk of serious injury.

RADIO FREQUENCY REMOTE CONTROL



The remote control **1** locks and unlocks the doors.

It is supplied by a battery which must be replaced when battery warning light **2** no longer lights up. (Refer to the information on Locking remote control unit: batteries).

Locking/unlocking the doors

Press the remote control unit for approximately one second (indicator light **2** lights up) to lock (side **B**) or to unlock (side **A**).

Locking is indicated by **two** flashes of the hazard warning lights.

Note: depending on the vehicle, if either a door or the boot lid is open or not properly closed, the hazard warning lights will not flash.

Unlocking is indicated by the hazard warning lights flashing **once**.

Remote control unit operating range

This varies according to the surroundings: therefore when handling the remote control, be careful that you do not inadvertently lock or unlock the doors!

Note: on certain vehicles, if a door is not opened within approximately 30 seconds of the door being unlocked by remote control, the doors will lock again automatically.

Interference

Operation of the remote control may be disrupted by equipment being used close to the vehicle (e.g. external equipment or the use of devices which operate on the same frequency as the remote control).

If you lose your keys or need another set of keys (or a remote control), contact your RENAULT Dealer.

- If a remote control is replaced, it will be necessary to take the vehicle and all sets of keys to your RENAULT Dealer to initialise the system.
- It is not possible to use more than two remote control units for one vehicle.

Make sure that the batteries are always in good condition - they last for approximately two years.

Refer to the Electric remote control door locking: batteries section of the driver's handbook for the procedure for changing the batteries.

INTERIOR ELECTRIC DOOR LOCKING CONTROL



Note: central locking is neutralised when a door is opened.

From inside with the electric central locking 1

This enables the all the doors to be locked simultaneously.



To lock, press the switch on the opposite side to that in the diagram.



If you decide to keep the doors locked when you are driving, remember that it may be more difficult for those assisting you to gain access to your vehicle in the event of an emergency.

NOTE

The front doors cannot be locked if the door is open.

RAID (RENAULT ANTI-INTRUDER DEVICE)

You must first decide if you want to activate this function.

To activate

With the ignition on, press central door locking button **1** on the locking side (opposite the symbol) and hold for approx. 5 seconds, until you hear the operating noise (unlocking/locking).

To deactivate it

With the ignition on, press central door locking button **1** on the unlocking side (symbol side) and hold for approximately 5 seconds, until you hear the operating noise (locking/unlocking).



If you decide to keep the doors locked when you are driving, remember that it may be more difficult for those assisting you to gain access to your vehicle in the event of an emergency.



Operating principle

When the vehicle moves off, the system automatically locks the doors and boot as soon as a speed of 4 mph (6 km/h) is reached.

The door is unlocked

- by opening a front door.

Note: If a rear door is opened, it will automatically be relocked when the vehicle reaches a speed of approximately 4 mph (6 km/h).

- by pressing the door unlocking button **1**.

Operating faults

If you note that the system is not operating correctly (automatic locking does not take place), first check that all the doors have been properly closed. If they are closed correctly, contact your RENAULT Dealer.

Also make sure that locking has not been deactivated inadvertently.

If this is the case, switch the ignition off and on again and reactivate the system as described above.

FRONT DOORS



Opening the doors from the outside

Unlock one of the front doors **2** or, depending on the vehicle, the driver's door lock.

Use the remote control if the function is available on the vehicle. Pull lever **1** towards you and open the door.

Closing from the outside

Push the door until it catches automatically. Lock it via lock **2** or use the remote control.



Opening the doors from the inside

Pull handle **4** and push open the door.

Closing from the inside

Pull the door until it catches automatically.

Manual locking

With the door closed, lock the door by pressing button **3**.

Warning buzzer

When one of the front doors is opened, a warning buzzer will sound to indicate that the headlights are still on when the engine has been switched off (to prevent discharge of the battery).

NOTE

The front doors cannot be locked if the door is open.



As a safety precaution, the doors should only be opened or closed when the vehicle is stationary.

SIDE HINGED DOORS



Opening the doors from the outside

Pull handle 1 towards you after unlocking the door from the inside.

Closing from the outside

Push the door until it catches automatically.



Opening from the inside

Pull handle 3 and push the door.

Closing from the inside

Pull the door until it catches automatically.

Manual locking

With the door closed, lock the door by pressing button 2.

SLIDING SIDE OPENING DOORS



Opening the doors from the outside

Unlock front door lock **1** with a key, or, for vehicles equipped with remote control, use the remote control unit. Pull lever **3** towards you and slide the door towards the rear.

Closing from the outside

Slide the door towards the front of the vehicle holding fixed door handle **2** until the door is fully closed.

Lock it with key **1** or use the remote control.



Opening the doors from the inside

Pull handle **5** towards the rear and open the sliding door to the point where it locks into position.

Closing from the inside

Holding handle **4**, slide the door until it catches automatically.

Manual locking

Use button **6**.

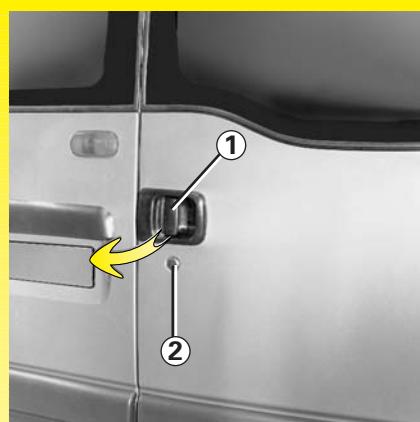


Recommendations concerning the sliding side door.

Appropriate precautions must be taken when opening or closing the sliding door, as is the case for any of the doors or the boot on the vehicle:

- Check that the door will not come into contact with a person's arm or hand, an animal's paw or an object.
- Use only the handles on the inside and outside of the door to operate it.
- Take care when opening and closing the door.
- Take particular care when the vehicle is parked on a slope: open the door with care until it is fully open and latches into its locking position.
- Before moving off, always ensure that the sliding door is properly closed.

REAR DOORS



Opening the doors from the outside

Unlock **2** with the door key, or for vehicles equipped with one, use the remote control. Pull handle **1** towards you and open the right-hand door.



There is no device to restrain the doors in the wind.



Pull handle **3** and open the left-hand door.



Opening the doors to 180°

Remove check-strap **4** from its housing. Open the door as far as possible.

REAR DOORS (continued)



Opening the doors to 270°

Release the tie-rod from its housing as for opening to 180°. Open the door fully to its stops on magnets 5 located on the side panels.

Closing from the outside

Return the doors to almost-closed position and slam them shut.

Lock with the key.



Opening the doors from the inside

Lift handle 7 and push the right-hand door.



Pull down handle 9 and open the left-hand door.

Closing from the inside

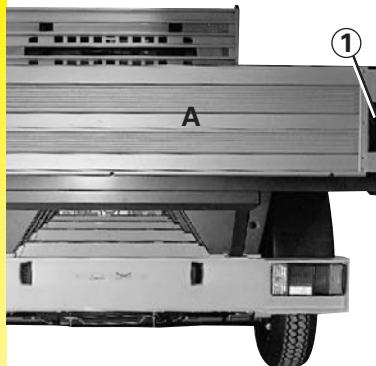
Starting with the left-hand door, return the doors to an almost-closed position and then slam them shut. Use handle 6.

Locking, unlocking

Use button 8.

Start by closing the left-hand door and then close the right-hand door.

DROPSIDE WITH SIDE PANELS



Opening the rear panel A

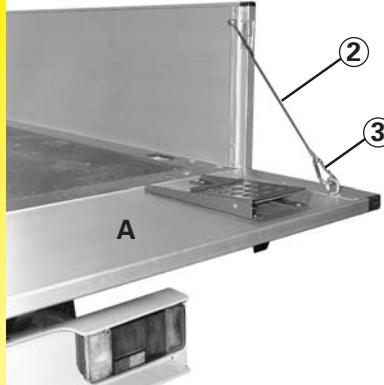
Check that the retaining cables 2 are properly attached.

Lower the levers 1 completely.

Lower the rear panel.

Folding the rear panel A

Release hooks 3 and lower the rear panel completely.



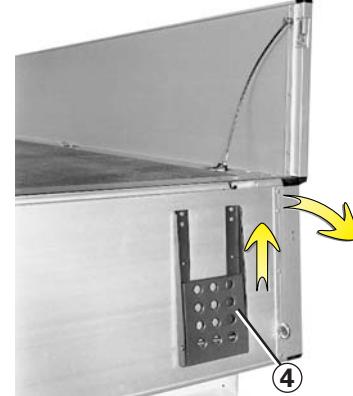
Removing the rear side panel from its hinges A

This operation can only be carried out after removing the left-hand side panel from its hinges (refer to the following page).

With the side panel in horizontal position, release hooks 3 and slide the side panel towards the left.

Closing the rear panel A

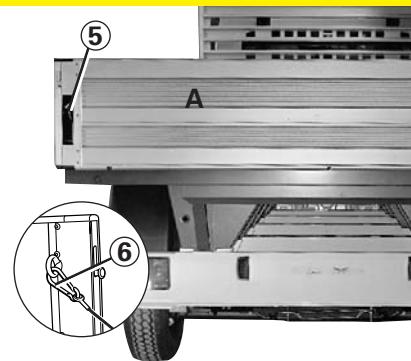
Proceed in the reverse order to opening. Check that the levers are properly locked 1.



Foot panel 4

Gently raise and lower the plate.

DROPSIDE WITH SIDE PANELS (continued)



Opening a side panel **B**

- **The rear panel *A* is closed**

Lower lever **5** completely. It is essential to unfasten hook **6**.

Lower lever **7** and side panel **B** completely.

- **The rear panel *A* is suspended**

Lower lever **7** completely and lower side panel **B**.



Removing a side panel from its hinges **B**

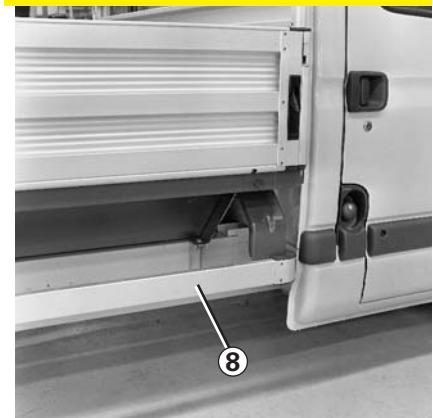
With the side panel on its side, release hook **6** and slide the side panel towards the rear.

Closing a side panel **B**

Proceed in the reverse order to opening. Check that levers **5** and **7** are correctly locked.

Special note

The panels are designed so that a tonneau cover with tensioning devices can be attached.



The lower bars **8** cannot support a person's weight.

Whenever loading, take care to follow local laws regarding the transport of objects, e.g.:

- draw attention to any object which exceeds the length of the bed;
- check that the vehicle's exterior lights and number plate are still visible;
- secure transported objects using the lashing rings on the loading bed, etc.

ANTI-INTRUSION ALARM

It protects the vehicle by performing the following functions:

- **volumetric protection of the front passenger compartment** using an ultrasound field;
- **protection of the passenger compartment perimeter;**
- **protection of the rear cell perimeter and bonnet;**
- **surveillance in the event of an attempt to start the engine with an incorrect ignition key;**
- **surveillance in the event of horn power supply cut-off.**

Before activating the alarm function

Check that:

- the windows and doors are properly closed;
- there are no passengers, animals or objects inside the vehicle which could move and set off the alarm. Otherwise, it will be necessary to disable promptly the spatial protection, refer to the section on disabling the spatial protection.



Spatial protection is disabled (in the event, for example, of there being a moving object or animal in the vehicle).

Press the locking side **1** of the remote control locking unit, the horn will bleep to confirm disablement.

It remains disabled even if you press the locking side **1** of the remote control locking unit several times.

Disablement is cancelled each time the doors are unlocked.

ANTI-INTRUSION ALARM (continued)

Activating the alarm function

The alarm is set when the doors are locked with the remote control unit.

This is signalled by the hazard warning lights flashing twice

When the alarm function is activated, any detection leads to the alarm being triggered and the hazard warning lights flashing for around 25 seconds.

After approximately 5 seconds, if the detection continues, the system will start once more for approximately 25 seconds and then again (8 to 10 times, depending on the type of detection).

Beyond that, there is no more surveillance until the doors are next unlocked/locked.



The absence of flashing hazard warning lights when the alarm is set indicates that a door or the bonnet is open or incorrectly closed: check. If this is not the case, contact your RENAULT Dealer.

Deactivating the alarm function

The alarm, even when triggered, stops:

- when the doors are unlocked with the remote control unit;
- when the vehicle ignition is switched on.

Deactivation is indicated by the hazard warning lights flashing once.



Failure of the hazard warning lights to flash when the alarm is deactivated indicates that the alarm was triggered during your absence.



Opening the doors with the key does not stop the alarm; it must be stopped using the remote control unit or by switching on the ignition.

ENGINE IMMOBILISER



Immobiliser warning light

This prevents the vehicle being driven by anyone not in possession of the vehicle's coded ignition key.



Any work on or modification to the engine immobiliser system (computers, wiring, etc.)

may be dangerous. Work must be carried out by qualified RENAULT personnel.

Operating principle

The vehicle is automatically protected a few seconds after the key is removed from the ignition.

If the vehicle does not recognise the ignition key code, warning light **1** will flash continuously and the engine cannot be started.

- **Engine immobiliser operation indicator light**

When the ignition is switched on, indicator light **1** lights up continuously for approximately three seconds and then goes out. The vehicle has recognised the code. You can then start the engine.

- **Vehicle protection indicator light**

A few seconds after the ignition has been switched off, indicator light **1** will flash continuously.

The vehicle will not be protected until the key has been taken out of the ignition.

- **Operating fault warning light**

After the ignition has been switched on, if warning light **1** remains continuously lit or continues to flash, this indicates an operating fault in the system.

In all cases, it is **essential** to contact a RENAULT Dealer. Only RENAULT Dealers are qualified to repair the engine immobiliser.

If the coded ignition key is faulty, use the second key (supplied with the vehicle). If you do not have access to this, it is **essential** to contact a RENAULT Dealer. Only RENAULT Dealers are authorised to repair the engine immobiliser system.

SEATS



Front seat adjustment

To move forwards or backwards

Lift bar **1** to release. Release the bar once the seat is in the correct position and ensure that the seat is fully locked into position.

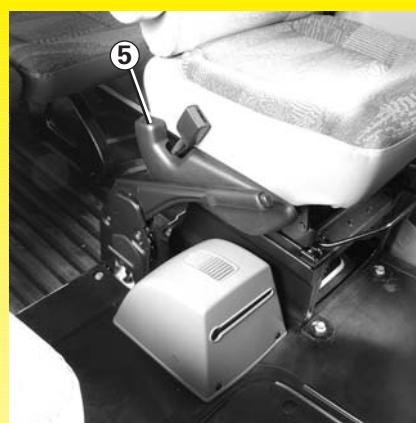
To tilt the seatback

Use lever **4**.

To adjust the height of the seat base

Adjustment is made in two stages:
For the front section of the seat, lift
lever **2**.

For the rear section of the seat, lift
lever **3**.



Heated seats



Press switch **5**, an operating light will light up on the instrument panel



We would advise you not to recline the seatbacks too far to ensure that the effectiveness of the seat belts is not reduced.

Make sure the seatback is locked in place correctly.

Nothing should be placed on the floor (area in front of driver) as such objects may slide under the pedal during sudden braking manoeuvres and obstruct its use.

HEADREST



Adjustment

To fit it

Simply slide it up.

To lower it

Press tab **A** and lower it at the same time.

To remove the headrest

Raise the headrest and then press tabs **A** and **B** to release it.



To fit the headrest

Fit the rods into the sleeves, with the notches towards the front, and push the headrest down until the desired height is reached, pressing tab **A** at the same time.

Special case

If the vehicle is fitted with a bench seat on the passenger side **C** and a partition **D**, it is not possible to remove side headrest **1**.



As the headrest is a safety component, check its presence and correct positioning: the distance between your head and the headrest should be minimal, the top of the headrest should be as close as possible to the top of your head.

FRONT SEAT BELTS

Always wear your seat belt when travelling in your vehicle. You must also comply with the local legislation of the particular country you are in.

Before driving off:

- First ensure that your driving position is correct.
- then adjust your seat belt to obtain the best possible protection.



Incorrectly adjusted seat belts may cause injuries in the event of an accident.

Even pregnant women should wear a seat belt. In this case, ensure that the lap belt is not exerting too much pressure on the abdomen but do not allow any slack.

Adjusting your driving position

- **Sit well back in your seat** (having removed your coat or jacket).

This is essential to ensure your back is positioned correctly.

- **Adjust the distance between the seat and the pedals.**

Your seat should be as far back as possible while still allowing you to be able to fully depress the clutch pedal. The seatback should be adjusted so that your arms are slightly bent when you hold the steering wheel.

- **Adjust the position of your headrest.**

For maximum safety, the top of your head should be in line with the top of the headrest.

- **Adjust the height of the seat base.**

This adjustment allows you to select the seat position which offers you the best possible vision.

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Adjusting the seat belts

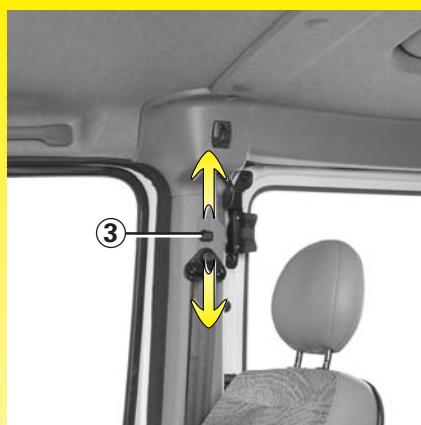
Sit with your back firmly against the seatback.

Shoulder strap **1** should be as close to the base of your neck as possible but not on it.

The lap strap **2** should be worn flat over your thighs and against your pelvis.

The belt should be worn so that it is as close to your body as possible. Avoid wearing heavy clothing or keeping bulky objects under the belts.

FRONT SEAT BELTS (continued)



Adjusting the height of the seat belt

Press button **3** to select the position you require so that shoulder strap **1** is worn as described above.

Make sure that the seat belt is locked in position correctly after you have adjusted it.



To fasten

Unwind the belt **slowly and smoothly** and ensure that tongue **4** locks into buckle **6** (check that it is locked by pulling on tongue **4**). If the belt jams, allow it to run back before attempting to unwind it again.

To fasten (continued)

If your belt becomes completely jammed:

- pull the belt slowly but firmly so that just over an inch (3 cm) unwinds;
- then allow the belt to rewind automatically;
- unwind it again;
- if the fault is still present, contact your RENAULT Dealer.

Unlocking

Press button **5** on buckle **6** and the seat belt will be rewound by the inertia reel.

Guide the buckle to help the operation.

METHODS OF RESTRAINT IN ADDITION TO THE FRONT SEAT BELTS

Depending on the version, these include:

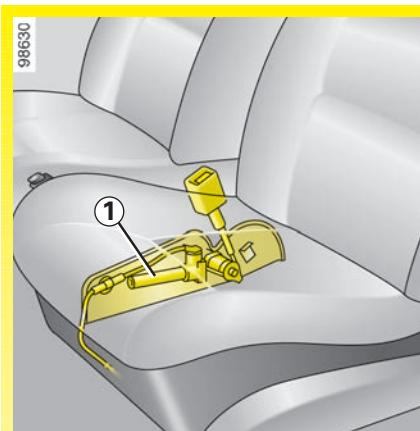
- **Seat belt pretensioners** (described below).
- **Driver and front passenger airbags** (described on the following pages).

The passenger airbag protects the front passenger(s) (depending on whether there is a conventional seat or a bench seat in the front).

These systems are provided to act independently or together when the vehicle is subjected to **frontal impacts**.

There are three possibilities, depending on the force of the impact:

- protection is provided by the belt only;
- the pretensioner is triggered to rectify belt position and take up play in the belt;
- the airbag will inflate in the most severe cases.



Front seat belt pretensioners

This system is only operational when the ignition is switched on.

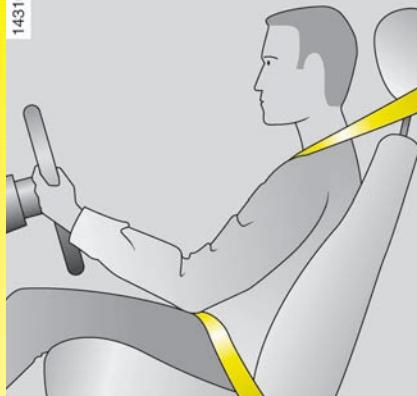
If the vehicle is subject to a severe **frontal** impact, piston **1** immediately retracts the seat belt buckle pulling the seat belt tight against the body and thereby improving its efficiency.



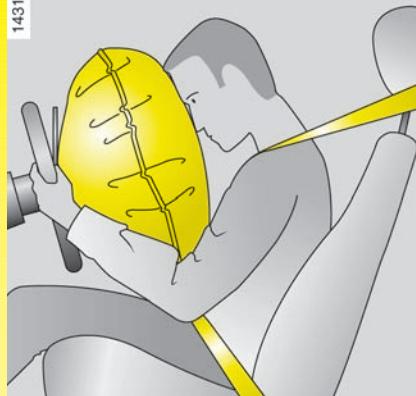
- After an accident, have the entire restraint system checked
- No operation whatsoever is permitted on any part of the system (pretensioners, airbags, computers, wiring) and the system components must not be reused on any other vehicle, even if identical.
- To avoid premature triggering of the system which may cause injury, only qualified RENAULT Network personnel may work on the pretensioner and airbag system.
- Testing of the electric trigger system may only be carried out by a specially trained technician using special equipment.
- When the vehicle is scrapped, contact your RENAULT Dealer for disposal of the pretensioner and airbag gas generators.

METHODS OF RESTRAINT IN ADDITION TO THE FRONT SEAT BELTS (continued)

14316



14317



Driver and passenger airbags

An airbag may be provided for both the driver and the front passenger.

Airbag inscriptions on the steering wheel and dashboard together with a label on the lower part of the windscreens indicate that the vehicle is equipped with airbags.

The passenger airbag protects the front passenger(s) (according to whether there is a conventional seat or a bench seat in the front).

Each airbag system consists of:

- an airbag and gas generator fitted on the steering wheel for the driver and in the dashboard for the front passenger;
- a computer for both systems, which includes the impact sensor and a monitor controlling the electrical trigger system for the gas generator;
- A single warning light  on the instrument panel.

METHODS OF RESTRAINT IN ADDITION TO THE FRONT SEAT BELTS (continued)



Driver and passenger airbags (continued)

Operation

The system is only operational when the ignition is switched on (ignition key in M position).

If a severe **frontal** impact occurs, the airbag(s) inflate(s) rapidly, cushioning the impact of the driver's head and chest against the steering wheel and the front passenger's head against the dashboard. The airbag then deflates immediately so that the passengers are not impeded in any way when they get out of the vehicle.

Operating faults

Warning light 1 lights up on the instrument panel when the ignition is turned on and then goes out after a few seconds.

If it does not light up when the ignition is switched on, or comes on when the engine is running, there is a fault in the system.

Consult your RENAULT Dealer as soon as possible. Your protection will be reduced until this fault is rectified.



The airbag system uses the principles of pyrotechnics. Therefore, when the airbag inflates, it will generate noise, heat and smoke upon detonation, this does not mean that a fire is about to start. In a situation where an airbag is required, it will inflate immediately and this may cause some minor, superficial grazing to the skin.

METHODS OF RESTRAINT IN ADDITION TO THE FRONT SEAT BELTS (continued)



All the warnings below are given so that, if the airbag is activated, it is not obstructed in any way and also to prevent the risk of serious injuries caused by items which may be dislodged when the airbag inflates.



Warnings concerning the driver's airbag

- Do not adjust the steering wheel or the cushion.
- Do not cover the steering wheel cushion.
- Do not attach any objects (badge, logo, clock, telephone holder, etc.) to the steering wheel cushion.
- The steering wheel must not be removed (except by qualified personnel from the RENAULT network).
- Do not sit too close to the steering wheel. Sit with your arms slightly bent (see "Adjusting your driving position" in Section 1). This will allow sufficient space for the airbag to inflate properly and be fully effective.

Warnings for passenger airbag: location A

- Do not attach or glue any objects (pins, badges, clock, telephone holder, etc.) to the dashboard in the proximity of the airbag housing.
- Nothing should be placed between the dashboard and the passenger (pet, umbrella, walking stick, parcels, etc.).
- The passenger must not put his or her feet on the dashboard or seat as there is a risk that serious injuries may be sustained. As a general rule, keep all parts of the body (knees, hands, head, etc.) well away from the dashboard.

**A REAR-FACING CHILD/BABY SEAT MUST NOT BE FITTED
TO THE PASSENGER SEAT IF THE VEHICLE IS EQUIPPED
WITH A PASSENGER AIRBAG.**

METHODS OF RESTRAINT IN ADDITION TO THE FRONT SEAT BELTS (continued)

All of the warnings below are given so that the airbag is not obstructed in any way when it is inflated and also to prevent the risk of serious injuries caused by items which may be dislodged when the airbag inflates.

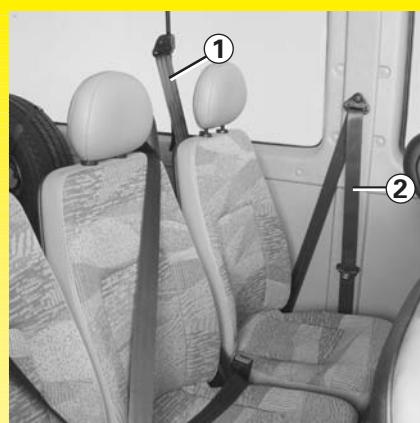


The airbag is designed to complement the action of the seat belt. Both the airbags and seat belts are integral parts of the same protection system. It is therefore essential to wear the seat belt at all times. If seat belts are not worn, the occupants of the vehicle are exposed to a risk of serious injury in the event of an accident. The risk of minor superficial injuries occurring when the airbag is deployed may also increase, although such minor injuries are always possible with airbags.

If the vehicle should overturn, or in the event of a rear impact, however severe, the pretensioners and airbags are not always triggered. These systems may, however, be triggered by shocks to the vehicle underbody, e.g. from kerbs, potholes, stones, etc.

- It is **strictly forbidden** to work on or modify any part of the airbag system (electronic units, wiring, etc.). Such work must only be undertaken by qualified RENAULT Network personnel.
- To ensure that the system is in good working order and to avoid accidental triggering of the system which may cause injury, only qualified Renault Network personnel may work on the airbag system.
- As a safety precaution, have the airbag system checked if your vehicle has been involved in an accident, stolen or broken into.
- When selling or lending the vehicle, inform the user of these points and hand over this handbook with the vehicle.
- When scrapping your vehicle, contact your RENAULT Dealer for disposal of the gas generator(s).

REAR SEAT BELTS



Rear side seat belts

(Vehicles fitted with rear bench seats)

The side seat belts are fitted with specific buckles so that it is not possible to lock the belt into the wrong housing: for the first housing use belt **2**; for the second use belt **1**.



Rear seat belts with inertia reel

The belts are fastened, unfastened and adjusted in the same way as the front belts.

Slowly unwind the belt.

Click the tongue into the buckle.



Make sure that the rear bench seat is locked in position correctly so that the seat belts will operate efficiently.

Refer to the information on the rear seat in Section 3.

SEAT BELTS (continued)

The following information applies to both the vehicle's front and rear seat belts.



- No adjustments may be made to the component parts of the restraint system (belts, seats and their mountings) originally fitted.

For special applications (e.g. fitting child seats) contact your RENAULT Dealer.

- Do not use devices which give any play in the belts (e.g. clothes pegs, clips, etc.): a seat belt which is worn too loosely risks causing injuries in the event of an accident.
- Never wear the shoulder strap under your arm or behind your back.
- Never use the same belt for more than one person and never hold a baby or child on your lap with your seat belt around them.
- The belt should never be twisted.
- Seat belts should be replaced after a serious accident. Likewise, replace your seat belts as soon as they show any signs of wear.
- When refitting the rear bench seat, take care that the seat belts are correctly positioned so that they can be used properly.
- If necessary, readjust the position and tightness of the belt.

CHILD SAFETY

In all countries there are regulations governing the use of restraints for children and babies.

In Europe children under 10 years of age⁽¹⁾ must be seated in an approved safety device which is suitable for the weight and size of the child.

The driver is responsible for ensuring that this equipment is used correctly.

Child restraints for which type approval was obtained after January 1992 offer a level of safety much greater than restraints with type approval before that date.

It is therefore advisable to select a child restraint that complies with European regulation ECE 44.

Restraints that comply with this legislation must be marked with an orange label bearing the letter E followed by a number (which represents the country where it is type approved) and the year in which the type approval was granted.

Refer to the "Child safety equipment" booklet available from the RENAULT Network to choose the seat suited to your child and recommended for your vehicle.

Remember that a collision at 30 mph (50 km/h) is the same as falling a distance of 10 metres. In other words, transporting a child without a restraint is the equivalent of allowing him or her to play on a fourth-floor balcony without railings.



Under no circumstances should babies or children be allowed to travel sitting on the knees of another passenger in the vehicle.

If a frontal impact occurs at 30 mph (50 km/h) a child weighing 30 kg will be transformed into a missile equivalent to one tonne: you will find it impossible to hold the child, even if you yourself are wearing a belt.

It is particularly dangerous to put the belt round your child when he or she is sitting on your lap. Never use the belt for more than one person at the same time.

There are some passenger seats on which the installation of child seats is forbidden. To find out the authorised seats and types of child seats that can be installed in each of the authorised seats, refer to the tables on the following pages.

Before installing a child seat in the front seat (if installation is permitted)

If fitted to the passenger seat, carry out the following adjustments:

- move the passenger seat as far back as possible,
- set the seatback to its fully upright position,
- lower the seat base as far as possible,
- raise the headrest to its highest setting,
- move the seat belt height control to the low position.

(1) Always comply with the laws of the country in which you are travelling. They may be different to the guidelines in this handbook.

CHILD SAFETY (continued)

Age of the child (weight of the child)	Seats suitable for installing a child seat			
	Van - Chassis cab			
	WITH PASSENGER AIRBAG		WITHOUT PASSENGER AIRBAG	
	Front centre passenger seat	Front passenger side seat	Front centre passenger seat	Front side passenger seat
Birth to approximately 9 months (weight below 13 kg)	X (3)	X (3)	U	U
From 9 months to approximately 3 years (weight from 9 to 18 kg)	UF	UF (2)	U	U
From 3 years to approximately 12 years (1) (weight from 15 to 36 kg)	UF	UF (2)	U	U

X : Seat not suitable for fitting a child seat for this age range.

U : Seat suitable for fitting a belt-fitted child seat classed as universal for this age range, check that it can be fitted.

UF: Seat for fitting only a front-facing seat held by a seat belt and universally approved for this age range, check that it fits.

(1) A child taller than 1.36 m or weighing more than 36 kg can be strapped in in the same way as an adult, without a special seat.

(2) Forbidden if a two-seat front bench seat is fitted.



(3) DANGER, RISK OF DEATH OR SERIOUS INJURY: NEVER FIT A REAR-FACING CHILD SEAT TO THIS SEAT.

CHILD SAFETY (continued)

Age of the child (weight of the child)	Seats suitable for installing a child seat					
	Double cab					
	WITH PASSENGER AIRBAG		WITHOUT PASSENGER AIRBAG		Rear side seats	Rear centre seat
	Front centre passenger seat (3)	Front side passenger seat (3)	Front centre passenger seat (2)	Front side passenger seat (2)		
Birth to approximately 9 months (weight below 13 kg)	X	X	U	U	U	X
From 9 months to 3 years approximately (weight from 9 to 18 kg)	X	X	U	U	U	X
From 3 years to 12 years approximately (1) (weight from 15 to 36 kg)	X	X	X	X	U	X

X: Seat not suitable for fitting a child seat of this age range.

U: Seat suitable for fitting a belt-fitted child seat classed as universal for this age range, check that it can be fitted.

(1) A child taller than 1.36 m or weighing more than 36 kg can be strapped in in the same way as an adult, without a special seat.

(2) Only a rear-facing seat may be installed in this seat.



(3) DANGER, RISK OF DEATH OR SERIOUS INJURY: NEVER FIT A REAR-FACING CHILD SEAT TO THIS SEAT.

CHILD SAFETY (continued)

Age of the child (weight of the child)	Seats suitable for installing a child seat					
	Combi with front passenger airbag					
	Front centre passenger seat (2)	Front side passenger seat (2)	Rear 2nd row side seats	Rear 2nd row centre seat	Rear 3rd row side seats	Rear 3rd row centre seat
Birth to approximately 9 months (weight below 13 kg)	X	X	X	U	X	X
From 9 months to 3 years approximately (weight from 9 to 18 kg)	X	X	UF	U	X	X
From 3 years to 12 years approximately (1) (weight from 15 to 36 kg)	X	X	UF	U	L1	L1

X : seat not suitable for fitting a child seat for this age range.

U : seat suitable for fitting a belt-fitted child seat classed as "universally" approved for this age range. Check that it can be fitted.

UF: seat only suitable for fitting a forward-facing seat held by a seat belt and in the "universal" category for this age range, check that it can be fitted.

L1 : seat adapted for fitting RENAULT-approved booster seat; use only the seat, without the seatback.

(1) A child taller than 1.36 m or weighing more than 36 kg can be strapped in the same way as an adult, without a special seat.



(2) DANGER, RISK OF DEATH OR SERIOUS INJURY: NEVER FIT A REAR-FACING CHILD SEAT TO THIS SEAT.

CHILD SAFETY (continued)

Age of the child (weight of the child)	Seats suitable for installing a child seat					
	Combi without front passenger airbag					
	Front centre passenger seat (2)	Front side passenger seat (2)	Rear 2nd row side seats	Rear 2nd row centre seat	Rear 3rd row side seats	Rear 3rd row centre seat
Birth to approximately 9 months (weight below 13 kg)	U	U	X	U	X	X
From 9 months to 3 years approximately (weight from 9 to 18 kg)	U	U	UF	U	X	X
From 3 years to 12 years approximately (1) (weight from 15 to 36 kg)	X	X	UF	U	L1	L1

X : seat not suitable for fitting a child seat for this age range.

U : seat suitable for fitting a belt-fitted child seat classed as “universally” approved for this age range. Check that it can be fitted.

UF: seat only suitable for fitting a forward-facing seat held by a seat belt and in the “universal” category for this age range, check that it can be fitted.

L1 : seat adapted for fitting RENAULT-approved booster seat; use only the seat, without the seatback.

(1) A child taller than 1.36 m or weighing more than 36 kg can be strapped in the same way as an adult, without a special seat.

(2) Only a rear-facing seat may be fitted to this seat.

CHILD SAFETY (continued)

The right choice

The safety of your children is also your responsibility.

To ensure that your child has the maximum possible protection, we recommend that you use seats approved by the RENAULT Network.

Restraint systems for all the categories are available. These systems have been developed in consultation with the manufacturers and have been tested in RENAULT vehicles.

Contact your RENAULT Dealer and ask him to help you install it.



Categories 0 and 0+ (from 0 to 13 kg (0 to 29 lbs))

A child's neck is very susceptible to injury up to the age of two. It is preferable to put your child into a rear-facing enclosing shell seat. This position enhances safety.



Category 1 (from 9 kg (20 lbs) to 18 kg (40 lbs))

Between the ages of 2 and 4, a child's pelvis is not fully developed. Restraints using the vehicle's three-point belts are not adequate and there is also a risk that the child will sustain abdominal injuries in the event of a frontal impact. It is therefore advisable to use a bucket type seat that restrains the child by means of a harness or shock absorbing pad.



To avoid any risk to your safety, we recommend that you use RENAULT approved accessories because they are designed for your vehicle and are the only accessories for which RENAULT will provide a warranty.

CHILD SAFETY (continued)



A booster seat with a height-adjustable seatback and a belt guide are recommended as this will allow the belt to be worn as close to the base of the neck as possible but not on it.

Place the headrest in the top position to allow you to press the seatback of the child seat firmly against the vehicle seatback.

If a booster seat without a seatback is used, the vehicle's headrest will have to be adjusted to suit the child's stature; the upper edge of the headrest must be at the same height as the top of the child's head and should never be lower than in line with the child's eyes.

Category 2 (from 15 to 25 kg) Category 3 (from 22 to 36 kg)

For correctly maintaining the pelvis of a child under 10 years, with a height under 1.36 m and a weight of less than 36 kg, it is preferable to use a booster cushion with belt guides that ensure that the three-point belt lies flat over the child's thighs.

The standard classifies child restraints in five categories:

- Category 0 : 0 to 10 kg
- Category 0+ : 0 to 13 kg
- Category 1 : 9 to 18 kg
- Category 2 : 15 to 25 kg
- Category 3 : 22 to 36 kg

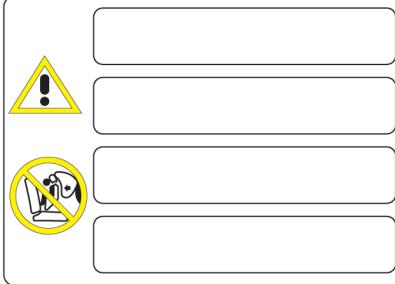
CHILD SAFETY (continued)

④



17712

⑤



23558



DANGER

It is forbidden to fit a rear-facing child seat in the front passenger seat if the vehicle is fitted with a front passenger airbag. There is a risk of very serious injury if the airbag inflates.

Label ④ (on the dashboard) and marking ⑤ (on the front passenger sun blind) remind you of these instructions.

CHILD SAFETY (continued)



CHILD SAFETY

- No modifications may be made to the component parts of the restraint system (belts and seats and their mountings) originally fitted.

- Carefully follow the instructions for fitting provided by the manufacturer of the restraint system.

- Always avoid dressing the child in bulky garments and do not place any objects between the child and the restraint system.

- The seat belt in the vehicle must be tight enough so that the child's seat is held in position securely. Check the tension regularly.

- Never wear the belt under your arm or behind your back.

- The harness or belt should be taut and fitted to suit the child's size.

- Never allow your child to stand up or kneel on the seats while the vehicle is moving.

- Check that the child is in the correct position for the entire journey, particularly when they are asleep.

- Use the seat belts to hold the seat in position, even if it is not occupied. Otherwise, if an accident were to occur, it may become dislodged and pose a risk to other vehicle occupants.

- Following a serious accident have the seat belts and restraint systems in use at the time checked.

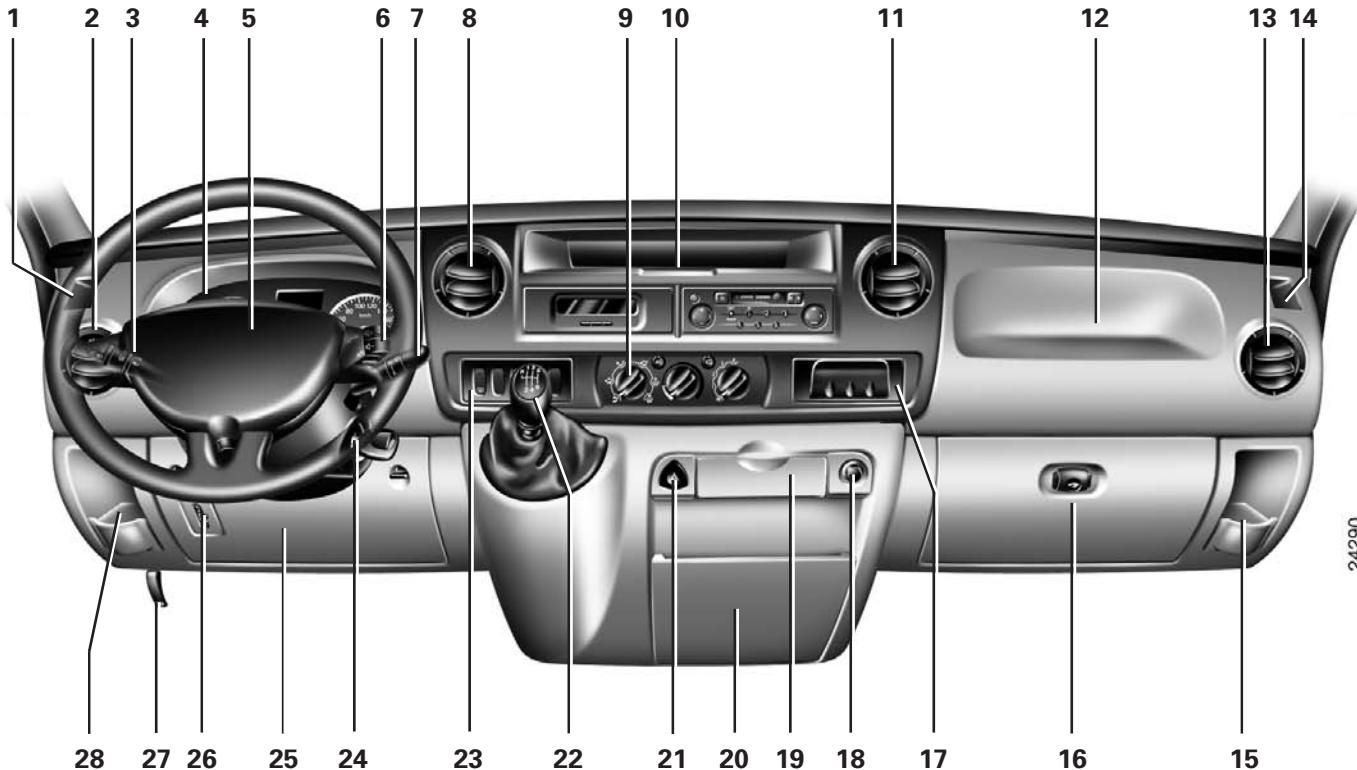
- Never leave a child unsupervised in a vehicle, even if they are in a restraining device.

- Activate the rear door locks (if your vehicle is equipped with these).

- Make sure the child does not get out of the vehicle at the side where there is traffic.

- Set your children a good example - always wear your seat belt.

DRIVER'S POSITION, LEFT-HAND DRIVE

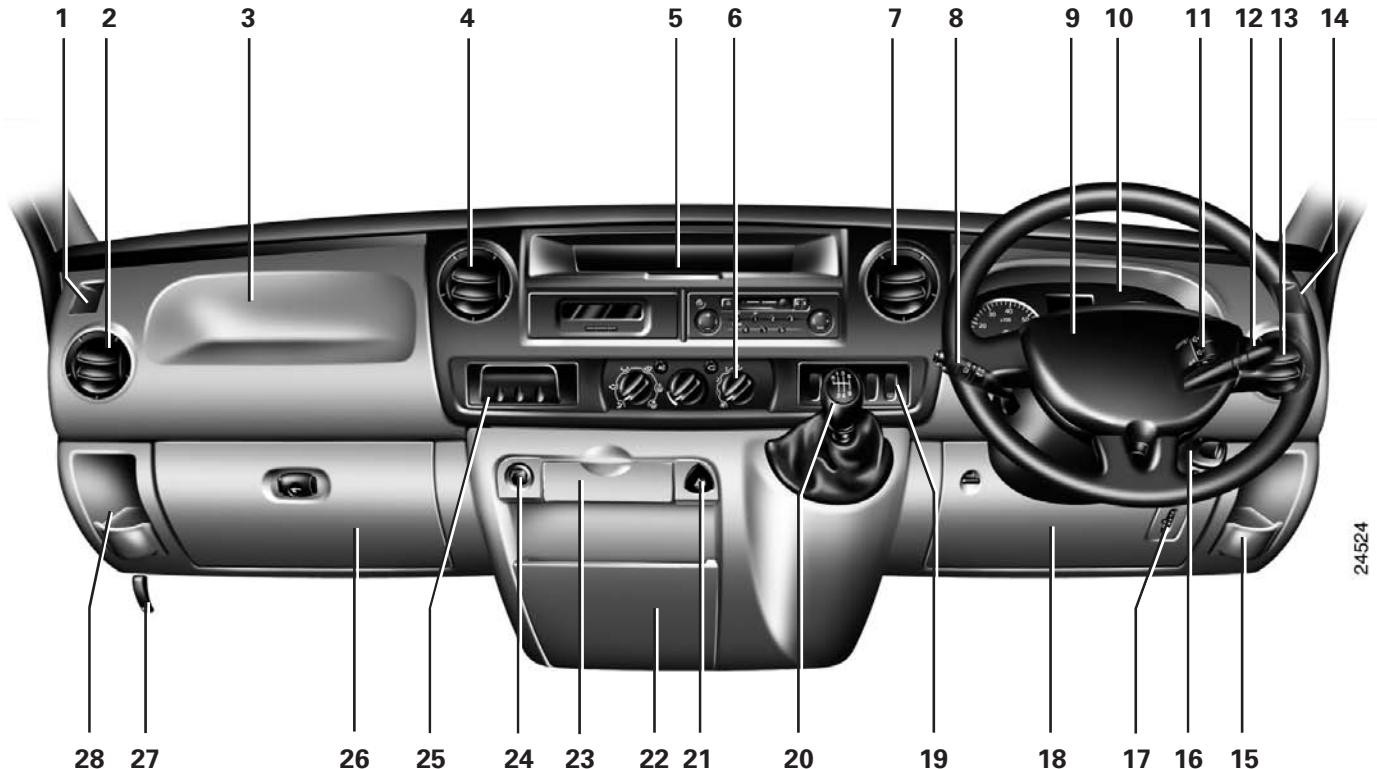


24290

LEFT-HAND DRIVE DRIVER'S POSITION (presence of equipment depending on the vehicle) (continued)

- | | | |
|---|--|--|
| 1 Side window demisting vent. | 10 Location for: <ul style="list-style-type: none">• radio,• display (radio, time, temperature),• navigation system,• glove compartment,• tachograph. | 19 Ashtray. |
| 2 Side vent. | | 20 Document holder. |
| 3 Stalk for: <ul style="list-style-type: none">• direction indicators,• exterior lights,• rear fog lights.• horn. | | 21 Hazard warning lights switch. |
| 4 Instrument panel. | 11 Centre air vent. | 22 Gear lever. |
| 5 Location for driver's airbag. | 12 Glove compartment or location for passenger airbag. | 23 Switches for: <ul style="list-style-type: none">• heated rear windows,• cruise control and speed limiter controls,• air suspension,• electric windscreen de-icer. |
| 6 Radio remote control. | 13 Side vent. | |
| 7 • Windscreen wash/wipe stalk
• Trip computer information scrolling control. | 14 Demister outlet for side window. | 24 Ignition switch. |
| 8 Centre air vent. | 15 Passenger side cup holder. | 25 Fuse box. |
| 9 Heating controls. | 16 Glove compartment. | 26 Control for headlight beam adjustment. |
| | 17 Paper holder. | 27 Bonnet release. |
| | 18 Cigarette lighter. | 28 Driver's side cup holder. |

DRIVER'S POSITION, RIGHT-HAND DRIVE



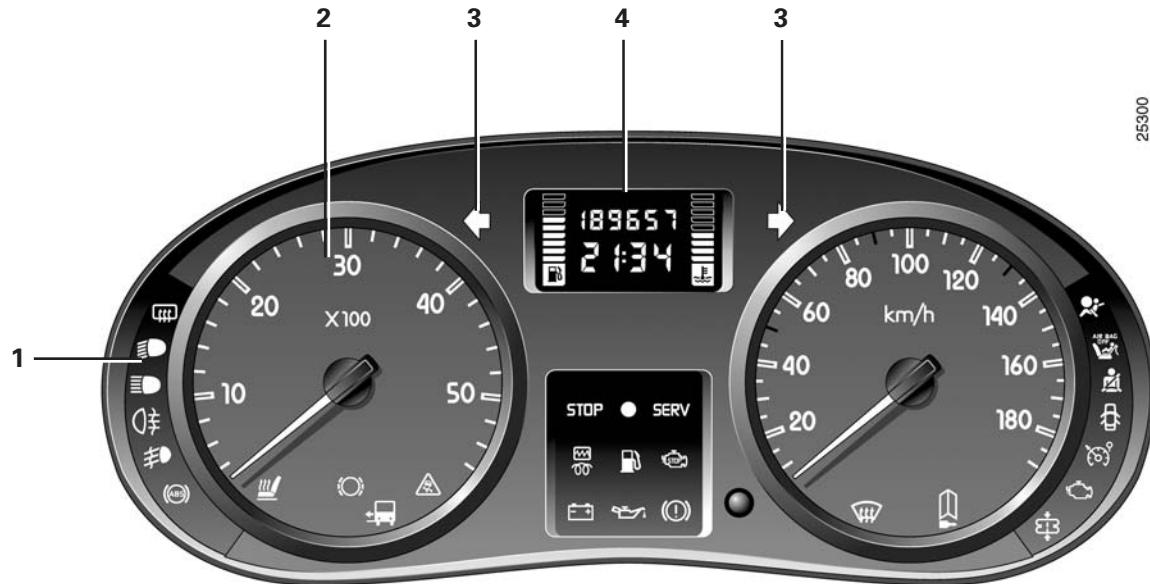
24524

RIGHT-HAND DRIVE DRIVER'S POSITION (presence of equipment depending on the vehicle) (continued)

- | | | |
|--|---|--------------------------------------|
| 1 Side window demisting outlet. | 11 Radio satellite controls. | 20 Handbrake. |
| 2 Side vent. | 12 Windscreen wiper/washer stalk. | 21 Hazard warning lights. |
| 3 Glovebox or location for passenger airbag. | 13 Side vent. | 22 Document holder. |
| 4 Centre air vent. | 14 Demister outlet for side window. | 23 Ashtray. |
| 5 Location for: <ul style="list-style-type: none">• radio,• display (radio, time, temperature),• navigation system,• glovebox. | 15 Driver's side cup holder. | 24 Cigarette lighter. |
| 6 Heating controls. | 16 Ignition switch. | 25 Paper holder. |
| 7 Centre air vent. | 17 Headlight beam adjustment controls. | 26 Glovebox. |
| 8 Stalk for: <ul style="list-style-type: none">• direction indicators,• external lighting,• rear fog light,• horn. | 18 Fuse box. | 27 Bonnet release. |
| 9 Location for driver's airbag. | 19 Switches for: <ul style="list-style-type: none">• heated rear windows,• cruise control and speed limiter control,• air suspension,• electric windscreen de-icer,• tachograph. | 28 Passenger side cup holder. |
| 10 Instrument panel. | | |

INSTRUMENT PANEL

The presence and operation of the warning and indicator lights described below depend on the vehicle equipment and country.



If the **SERV** warning light comes on, you should visit a RENAULT Dealer immediately.

If the **STOP** warning light comes on, you must stop as soon as traffic conditions allow.

It is essential to stop as soon as traffic conditions allow if no information appears on the instrument panel.

INSTRUMENT PANEL (continued)

The presence and operation of the warning and indicator lights described below depend on the vehicle equipment and country.

1  Not used

 Dipped beam headlight indicator light

 Main beam headlight indicator light

 Rear fog light indicator light

 Front fog light indicator light

 Anti-lock braking system warning light

This light comes on when the ignition is switched on and goes out within 3 seconds. If it comes on when you are driving, it indicates a fault in the Anti-lock Braking System.

Braking will then be as normal, without the ABS system. Contact your RENAULT Dealer as soon as possible.

2 Rev counter (scale×100)

 Left-hand direction indicators indicator light

 Right-hand direction indicators indicator light

4 Multifunction display

Oil level display function

The vehicle must be parked on level ground and the engine should have been switched off for some time to obtain an accurate level reading.

When ignition has been switched on for approximately 30 seconds:

- if the level is correct, the display shows "oil ok";

Special note: if you want to get a more precise reading, press the trip mileage reset button within 30 seconds.

4 Multifunction display (continued)

The squares which appear on the display indicate the level. They disappear as the oil level drops and they are replaced by a dash.

- when the minimum oil level is reached: the word OK will no longer be displayed, the dashes and the word Oil will flash and the SERV warning light will light up until the engine is switched off.

It is vital to top up the oil as soon as possible.

Total mileage recorder, clock (except on vehicle with chronotachograph) trip mileage recorder.

Can be read for approximately 30 seconds after the ignition has been switched on.

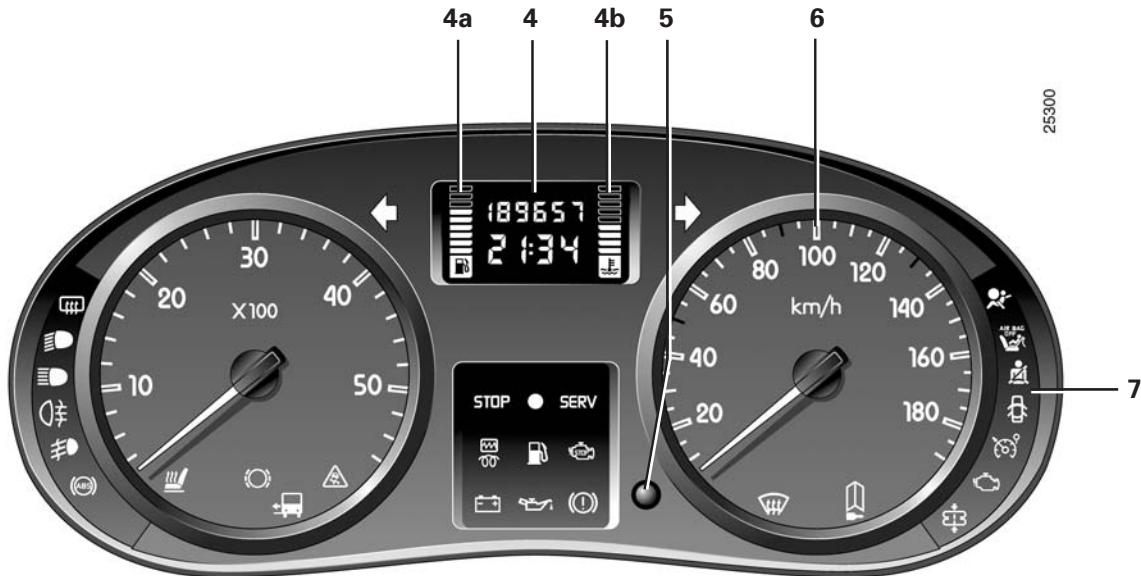
OR

Trip computer

Refer to the information in Section 1 "Trip computer".

INSTRUMENT PANEL (continued)

The presence and operation of the warning and indicator lights described below depend on the vehicle equipment and country.



If the **SERV** warning light comes on, you should visit a RENAULT Dealer immediately.

If the **STOP** warning light comes on, you must stop as soon as traffic conditions allow.

It is essential to stop as soon as traffic conditions allow if no information appears on the instrument panel.

INSTRUMENT PANEL (continued)

The presence and operation of the warning and indicator lights described below depend on the vehicle equipment and country.

4 Multifunction display (continued)

4a Fuel level gauge

The number of squares lit shows the fuel level. When it is at minimum, the squares disappear and the low fuel level warning light comes on.

4b Coolant temperature indicator

Under normal use, four squares are lit. The number of squares lit depends on the engine coolant temperature. There is no warning unless the last three squares light up.

5 Multifunction button

Pressing the key repeatedly lets you select information on the display, reset the trip mileage recorder or set the time on the clock in the instrument panel.

6 Speedometer (km or miles per hour)

Overspeed alarm

Depending on the vehicle, an alarm sounds for 10 seconds every 40 seconds when the vehicle speed exceeds 74 mph (120 km/h).

7 Airbag warning light

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

If it does not come on when the ignition is turned on or if it flashes, there is a fault in the system. Consult your RENAULT Dealer as soon as possible.



Not used

7 Seat belt not fastened warning light



Not used



Speed limiter and cruise control indicator light

Refer to the cruise control/speed limiter paragraphs in Section 2.



Exhaust gas monitor warning light

For vehicles equipped with this option, the light comes on when the ignition is switched on then goes out.

- If it lights up continuously, contact your RENAULT Dealer as soon as possible;
- If it flashes, reduce the engine speed until the light stops flashing.

Consult your RENAULT Dealer as soon as possible.

Refer to the information on "emission control, fuel economy and driving" in Section 2.

INSTRUMENT PANEL (continued)

The presence and operation of the warning and indicator lights described below depend on the vehicle equipment and country.

25300



If the **SERV** warning light comes on, you should visit a RENAULT Dealer immediately.

If the **STOP** warning light comes on, you must stop as soon as traffic conditions allow.

It is essential to stop as soon as traffic conditions allow if no information appears on the instrument panel.

INSTRUMENT PANEL (continued)

The presence and operation of the warning and indicator lights described below depend on the vehicle equipment and country.



- 7 Air suspension operating fault warning light
Call a RENAULT Dealer.



- 8 Not used



- 9 Not used



- 10 STOP warning light
It goes out as soon as the engine starts.
It lights up in conjunction with one of the warning lights:



- Engine immobiliser system warning light
This light performs several functions.

Refer to Section 1 for information on the engine immobiliser system.



- SERVICE warning light
This lights up when the ignition is switched on and goes out after 3 seconds.
It may light up alone or together with other warning lights.
If it lights up when the vehicle is being driven, it is advisable to see a RENAULT Dealer soon.



- 10 Preheating warning light / water in the diesel filter or electronic fault warning light

Preheating indicator light

When the ignition key is in position M, this light should come on; it indicates that the heater plugs are switched on. It goes out after preheating is sufficient and the engine can be started.

Electronic fault or water in the diesel filter warning light

If the warning light remains on or comes on while the engine is running, this indicates that there is an electrical or electronic fault or that there is still water in the fuel filter. Consult your RENAULT Dealer as soon as possible.

INSTRUMENT PANEL (continued)

The presence and operation of the warning and indicator lights described below depend on the vehicle equipment and country.

25300



If the **SERV** warning light comes on, you should visit a RENAULT Dealer immediately.

If the **STOP** warning light comes on, you must stop as soon as traffic conditions allow.

It is essential to stop as soon as traffic conditions allow if no information appears on the instrument panel.

INSTRUMENT PANEL (continued)

The presence and operation of the warning and indicator lights described below depend on the vehicle equipment and country.

- 10**  Warning light for serious injection fault/coolant temperature warning light

Warning light for serious injection fault

If this light flashes when you are driving, it indicates a fault in the injection system. Stop immediately, switch off the ignition and contact a RENAULT Dealer.

Coolant temperature warning light

If this light lights up when you are driving, it indicates engine overheating. Stop and allow the engine to run at idle speed for a minute or two. The temperature should drop. Otherwise, stop the engine. Let the engine cool down, then check the coolant level. Call for the assistance of a RENAULT Dealer if necessary.

- 10**  Battery charge warning light

It should go out as soon as the engine starts.

If it lights up when you are driving, it indicates that the circuit is overcharging or has discharged. Stop and have the circuit checked.

-  Oil pressure warning light

This lights up when the ignition is switched on and goes out within 3 seconds. If it lights up while you are driving, stop at once and switch off the ignition. Check the oil level. If the level is correct, the light has lit up for another reason, contact a RENAULT dealer.

- 10**  Low fuel level warning light

It goes out as soon as the engine starts.

If it lights up or remains lit, fill up with fuel as soon as possible.

- 11**  Not used

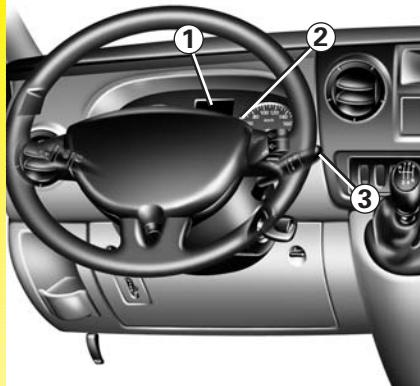
-  Heated seat indicator light

-  Not used

-  Handbrake on and brake circuit fault warning light

If it lights up when the brakes are applied, it indicates that the fluid level in the circuit is low. It may be dangerous to continue driving, contact a RENAULT Dealer.

TRIP COMPUTER



Display 1

2 General reset and trip mileage recorder reset button

To reset the trip mileage recorder, the display must show the Trip mileometer function.

Display selection key 3

Keep pressing key 3 briefly to scroll through the following information in sequence:

- a) total mileage recorder,
- b) trip mileage recorder,
- c) fuel used,
- d) average consumption,
- e) current consumption,
- f) estimated range,
- g) distance covered,
- h) average speed;
- i) governed speed (speed limiter/cruise control).

Refer to the table on the following page for display examples.

Interpreting values displayed after resetting:

The values showing average fuel consumption, range and average speed will become more stable and reliable the further you travel since the last time the reset key was pressed.

For the first few miles after pressing the reset key you may notice:

- that the range increases as you travel. This is normal. Average fuel consumption may decrease when:
 - the vehicle stops accelerating,
 - the engine reaches its operating temperature (engine cold when reset button pressed),
 - when driving from a built-up area onto the open road.

Therefore, if the average fuel consumption decreases, the range will increase.

- You may also notice that the average fuel consumption increases when the vehicle is stationary and the engine idling.

This is normal since the computer takes account of fuel used during idling.

Note: resetting is automatic when the maximum capacity of any of the memories is exceeded.

TRIP COMPUTER (continued)

Examples of display
selections by pressing 3



Interpreting the display



24320



a) Total mileage recorder (except on vehicle with chronotachograph).



24321



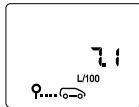
b) Trip mileage recorder.



24322



c) Fuel used (in litres or gallons) since the last reset.



24323



d) Average consumption (in mpg and l/100 km) since the last reset.

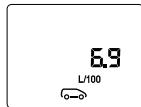
This value is displayed after driving 400 metres and takes into account the distance travelled and the fuel used since the last time the reset button was pressed.

TRIP COMPUTER (continued)

Examples of display
selections by pressing 3



Interpreting the display



24324



e) **Current consumption** (in mpg or litres/100 km)

This value is displayed after reaching a speed of 15 mph (25 km/h).



24325



f) **Estimated range with remaining fuel** (in miles or km)

This range takes into account the average fuel consumption since the last time the reset button was pressed.

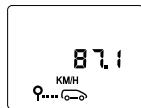
The value is displayed after driving 400 metres.



24326



g) **Distance covered** (in miles or km) since the last reset.



24327



h) **Average speed** (in mph and km/h) since the last reset.

The value is displayed after driving 400 metres.



24349



i) **Cruise control or speed limiter governed speed** (depending on vehicle).

Refer to the information on "Speed limiter" and "Cruise control" in Section 2.

CLOCK AND EXTERIOR TEMPERATURE



Setting the clock

Vehicle without trip computer

With the ignition on and total mileage and clock function selected on display 1, press and hold button 2, to enter "set time" mode, then release the button:

- pressing and holding button 2 allows you to scroll through the hours and minutes quickly;
- short presses on button 2 allow you to set the time minute by minute.



Vehicle with trip computer

The time and external temperature appear on display 3.

- With the ignition on, press button:
4 for minutes.
5 for hours.

Vehicles with navigation system and/or tachograph, refer to the handbook provided for the special features of this equipment.

If the electrical supply is cut (battery disconnected, supply wire broken, etc.), the clock will lose its time setting.

You should reset the time on the clock.

For your safety, we recommend that you do not adjust the clock while driving.

REAR-VIEW MIRRORS



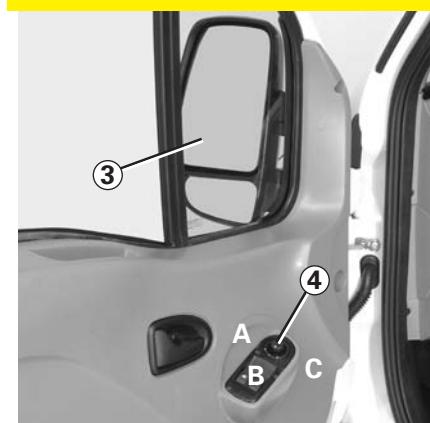
Interior rear-view mirror

This is adjustable. When driving at night, tilt the small lever 1 to avoid being dazzled by the headlights of the vehicle behind.



Door mirrors

To adjust, press mirror 2.



Electrically adjusted door mirrors

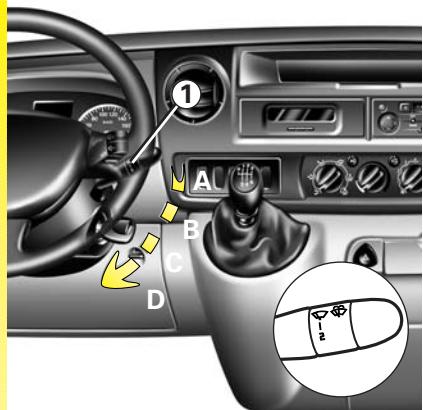
With the ignition on, position control 4 on:

- **A** to adjust the left-hand door mirror,
- **C** to adjust the right-hand door mirror,
- **B** to deactivate it.

De-icing door mirrors

The mirrors 3 are de-iced at the same time as the rear screen.

SCREEN WASH/WIPE



Windscreen wiper



With the ignition on, move stalk **1**:

- **A** Off.
- **B** Intermittent wiping
The wipers will pause for several seconds between sweeps.
- **C** Normal wiping speed
- **D** Fast wiping speed

Pull the control towards you and release: the wiper will sweep twice.

Windscreen washer



With the ignition switched on, pull stalk **1** towards you.

-In frosty weather, make sure the wiper blades are not stuck by ice.

Keep an eye on the condition of the blades. Replace the wiper blades as soon as they begin to lose efficiency (approximately once a year).

If you switch off the ignition before switching off the windscreen wiper (position **A**) the blades will stop at random on the windscreen. Just move stalk **1** to position **A** to return the blades to park position.

EXTERIOR LIGHTING AND SIGNALS

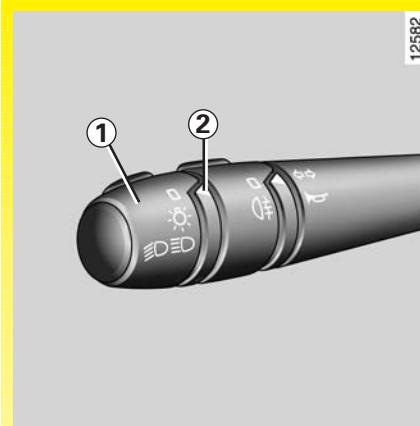


Side lights



Turn the end of stalk 1 until the symbol is opposite mark 2.

The instrument panel will light up



12582

Dipped beam headlights



Turn the end of stalk 1 until the symbol is opposite mark 2.

The indicator light will light up on the instrument panel.

Main beam headlights



With stalk 1 in the dipped beam position, pull the stalk towards you.

When the main beam headlights are lit, an indicator light lights up on the instrument panel.

To return to the dipped headlight position, pull the stalk towards you.

Switching off the lights



Turn the end of stalk 1 back to its original position.

Lights on warning buzzer

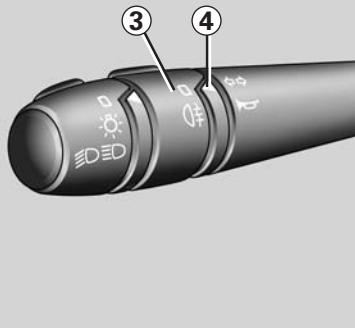
A warning buzzer will sound when the driver's door is opened and the lights have been left switched on after the ignition has been switched off (to prevent discharge of the battery).



Before driving at night, check that the electrical equipment is operating correctly and adjust the headlight beams (if your vehicle is not carrying its normal load). In general, check that the lights are not obscured (by dirt, mud, snow or objects which could cover them).

EXTERIOR LIGHTING AND SIGNALS (continued)

12582



When the external lighting is switched off, the rear fog light is switched off or the control returns to the front fog lights position (if these are fitted).

Rear fog lights



Turn central ring **3** of the stalk until the symbol appears opposite mark **4**.

The rear fog light only works if the exterior lights have been activated. A warning light on the instrument panel will light up.

Remember to switch off the rear fog light when it is no longer needed to avoid inconveniencing other road users.

EXTERIOR LIGHTING AND SIGNALS (continued)



Electric headlight beam adjustment

Headlight beam height adjustment button **A**.

Turn button **A** to adjust the headlights according to load.

This control only works when the lighting is in dipped beam headlight position.

(1) Load states at maximum permitted weight.

Load states	Suspension types	Tumblewheel position
COMBI		
Driver alone or with passengers	All suspension systems	0
All seats occupied and boot loaded (1)	Air suspension	0
	Other suspension systems	1
Driver alone with boot loaded (1)	Air suspension	1
	Other suspension systems	2

VAN		
Driver alone	All suspension systems	0
Driver alone with boot loaded (1)	Air suspension	0 or 1 According to driver's judgement
	Other suspension systems	2 or 3 According to driver's judgement
Other cases		According to driver's judgement

CHASSIS CAB DOUBLE CAB AND DROPSIDE		
Driver alone	All suspension systems	0
Driver alone, rear axle loaded (1)	Air suspension	1
	Other suspension systems	2

HORN AND SIGNALS



Horn

Press the end of stalk **1**.

Headlight flasher

Even if the lights are not switched on, pull stalk **1** towards you.



Direction indicators

Shift stalk **1** parallel to the steering wheel and in the direction you are going to turn.

When driving on the motorway, the steering wheel is not usually turned sufficiently to return the stalk automatically to its starting position. There is an intermediate position in which you should keep the stalk when the steering wheel is moved.

When the stalk is released, it will automatically return to its starting position.



Hazard warning lights

Press switch **2**.

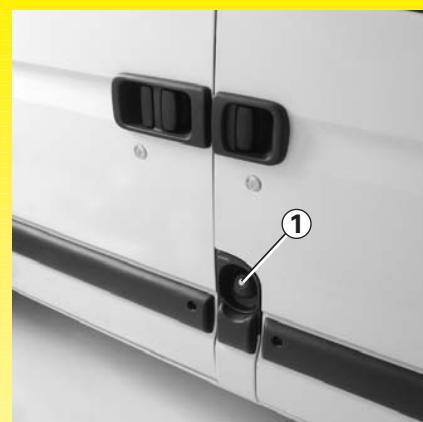
This switch lights up all four indicators simultaneously.

It is to be used to warn other road users if you:

- are obliged to stop for any reason beyond your control in an unusual or prohibited location;
- are obliged to drive under exceptional driving conditions.



FUEL TANK



Refilling the tank

Unlock with the key.

Remove cap **1** with the key.

Effective tank capacity: approximately **70 litres or 100 litres** (depending on vehicle).

Filling with fuel

No more than two filling operations may be made after the fuel feed has switched off automatically for the first time because there must be sufficient space in the fuel tank to allow for expansion.

Fuel grade

It is **essential** to use diesel only. Make sure that no water enters the fuel tank accidentally during filling. The shut-off system and its surrounding area must be dust-free. The diesel fuel must be of a high grade.



Fuel filler cap: this is specific to the vehicle type.
If you have to replace it, make sure the new cap is of the same type. Contact your RENAULT Dealer.

Never place the cap near a source of heat or flame.

System for cutting off the fuel supply in the event of a severe impact

Refer to Section 5 for information on cutting off the fuel supply in the event of a severe impact.



Do not mix even small volumes of petrol with diesel.

FUEL TANK (continued)

Persistent fuel odour

If you notice a persistent fuel odour you should:

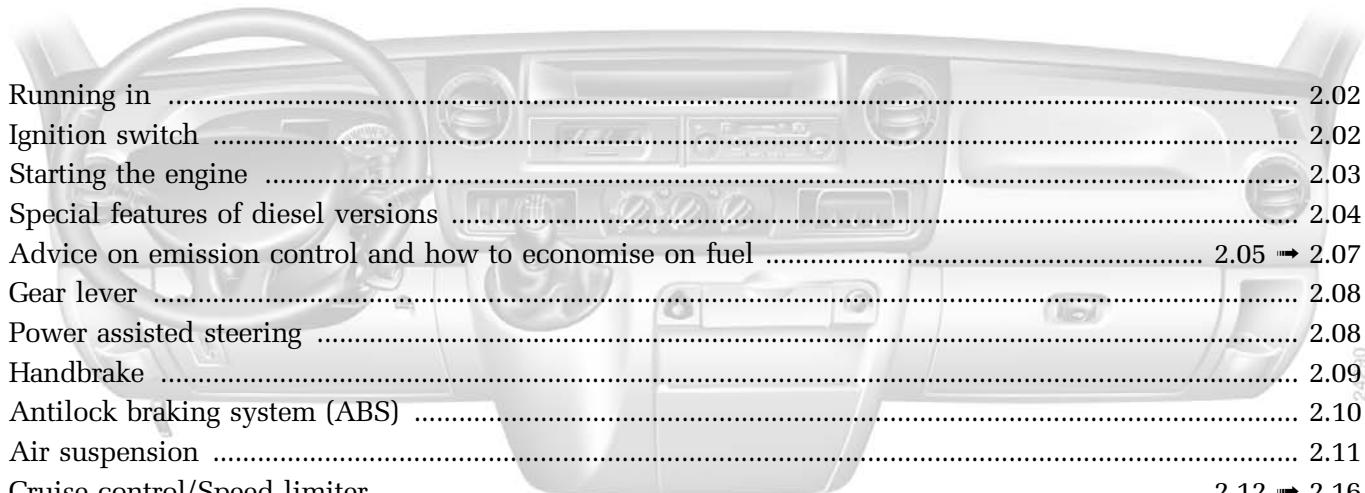
- stop the vehicle when traffic conditions allow and switch off the ignition;
- switch on the hazard warning lights and ask all passengers to leave the vehicle to keep them away from the traffic;
- Do not operate on, or restart, the vehicle before it has been inspected by qualified staff from the RENAULT network.



No modifications whatsoever are permitted on any part of the fuel supply system (computers, wiring, fuel circuit, injector, protection covers, etc.) as this may be dangerous (such work must be undertaken by qualified RENAULT Network personnel).

Section 2: Driving

(Advice on use relating to fuel economy and the environment)



Running in	2.02
Ignition switch	2.02
Starting the engine	2.03
Special features of diesel versions	2.04
Advice on emission control and how to economise on fuel	2.05 ➔ 2.07
Gear lever	2.08
Power assisted steering	2.08
Handbrake	2.09
Antilock braking system (ABS)	2.10
Air suspension	2.11
Cruise control/Speed limiter	2.12 ➔ 2.16
Parking proximity sensor	2.17
QUICKSHIFT gearbox	2.18 ➔ 2.23
Overspeed function	2.24

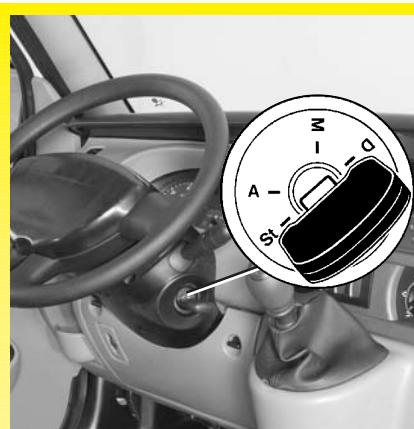
RUNNING IN

For the first **900 miles (1500 km)**, do not exceed 2500 rpm. After completing this mileage you may drive faster, although you may only expect top performance after approximately 3 600 miles (6 000 km).

During the running in period, do not accelerate hard while the engine is still cold and do not let the engine overrev.

Service intervals: refer to the vehicle's servicing booklet.

IGNITION SWITCH



"Stop" position and anti-theft lock applied

To lock, remove the key and turn the steering wheel until the steering column locks.

To unlock, turn the key and the steering wheel slightly.

"Auxiliaries" position A

When the ignition is switched off, any accessories fitted will still have a power supply (example: radio).

"Ignition on" position M

With the ignition on, the engine will be preheating.

"Start" position D

If the engine fails to start at the first attempt, the key must be turned back before the starter can be activated again. Release the key as soon as the engine starts.

STARTING/STOPPING THE ENGINE

Starting the engine



Shift the gear lever into neutral.

SPECIAL NOTE

When starting the engine, it is advisable to start with the clutch pedal depressed.

A label on the sun visor reminds you of this.

Turn the ignition key to position **M** (on) and hold it in this position until the engine preheating warning light goes out.

Turn the key to the starter position **D** **without depressing the accelerator.**

Release the key as soon as the engine starts.

Stopping the engine

With the engine idling, turn the key back to the "Stop" position.



If there is a child (or a pet) in the vehicle, never leave it unattended with the key in the ignition. With the key in the ignition he or she could start the engine or operate electrical equipment such as the electric windows and there is a risk that the child may be injured (by trapping his or her neck, arm, hand, etc.). Risk of serious injury.

Never switch off the ignition before the vehicle has stopped completely. Once the engine has stopped, the power assisted steering, brake servo and the passive safety devices such as airbags and pretensioners will no longer operate.

When the key has been removed, the steering will lock.

SPECIAL NOTES

Diesel engine speed

Diesel engines are fitted with injection equipment which prevents the engine speed from being exceeded irrespective of the gear selected.

Running out of fuel

If the fuel tank has been drained completely, you may start the engine normally after refilling the fuel tank provided that the battery is well charged.

However, if after a few seconds and several attempts the engine fails to start, contact a Renault Dealer.

Precautions to be taken in winter

To avoid any damage in icy weather:

- Ensure that your battery is always well charged;
- Always keep the fuel tank relatively full to avoid water vapour condensing in it and accumulating at the bottom of the tank.

Vehicles fitted with diesel fuel heater

This equipment enables diesel fuel to be used with no additives up to -18°C or, if the vehicle is used regularly over short distances (cold engine), up to -5°C.



Do not park the vehicle or run the engine in locations where combustible substances or materials such as grass or leaves can come into contact with a hot exhaust system.

ADVICE ON ANTI POLLUTION AND HOW TO ECONOMISE ON FUEL, DRIVING

RENAULT is actively striving to reduce pollutant exhaust gas emissions and to save energy.

By virtue of its design, moderate fuel consumption and initial settings, your RENAULT conforms to current anti-pollution standards. Technical design, however, cannot achieve all. The fuel consumption of your vehicle and the level of pollutant exhaust gas emissions are very much within your control. Make sure that your vehicle is maintained correctly, use it carefully and in an appropriate driving style.

Maintenance

It should be noted that failure to respect anti-pollution standards may lead to legal action being taken against the vehicle owner. In addition, replacing engine, fuel supply system and exhaust components with parts other than those originally recommended by the manufacturer may alter your vehicle so that it no longer complies with anti-pollution standards.

Have your vehicle checked and adjusted by your RENAULT Dealer in accordance with the instructions in the vehicle's servicing booklet.

Your RENAULT Dealer has all the equipment necessary for ensuring that your vehicle is maintained to its original standard.

Engine adjustments

- **Idling speed:** this does not require adjustment.
- **Air filter, diesel filter:** a dirty filter element reduces output and must be replaced.

ADVICE ON ANTI POLLUTION AND HOW TO ECONOMISE ON FUEL, DRIVING (continued)

Exhaust gas monitor

The exhaust gas monitor will detect any malfunctioning of the vehicle's exhaust gas anti-pollution system.

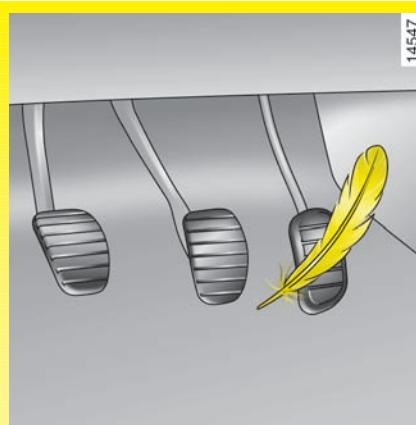
If this system malfunctions, toxic substances may be released into the atmosphere or mechanical damage may occur.



This instrument panel warning light shows any system faults:

This comes on when the ignition is switched on and goes out after three seconds.

- If it comes on continuously, contact your RENAULT Dealer as soon as possible.
- If it flashes, reduce the engine speed until the light stops flashing. Contact your RENAULT Dealer.



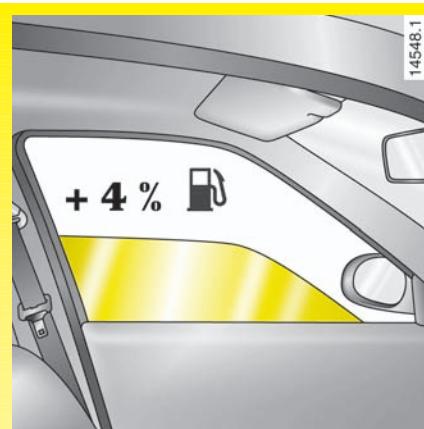
Driving

- Drive carefully for the first few miles until the engine reaches its normal operating temperature, rather than let it warm up while the vehicle is stopped.
- Speed is expensive.
- “Sporty” driving uses a lot of fuel: drive with a “light right foot”.

- Study the road ahead so that you are able to brake as little as possible, it may be sufficient just to lift your foot off the accelerator.
- Avoid sharp acceleration.
- Do not overrev the engine in the intermediate gears. Always use the highest gear possible without labouring the engine.
- Do not try to maintain the same speed up a hill; accelerate no more than you would on the level. Keep your foot in the same position on the accelerator pedal.
- Double declutching and accelerating before switching off are superfluous actions in modern vehicles.

- Bad weather, flooded roads
Do not drive through floods if the depth of water is above the lower edge of the wheel rims.

ADVICE ON ANTI POLLUTION AND HOW TO ECONOMISE ON FUEL, DRIVING (continued)



General hints

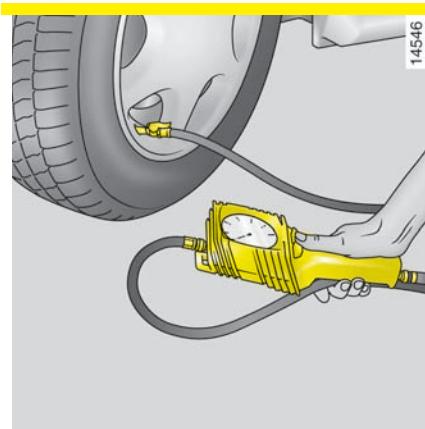
- Electricity is "fuel"; switch off all the electrical components which are not really needed.
- However, keep the lights on when visibility is poor.**
- Use the air vents instead. Driving with the windows open will increase fuel consumption by 4% when travelling at a speed of 60 mph (100 km/h).

- On vehicles with air conditioning, it is normal to observe an increase in fuel consumption (especially when driving in town) when it is used. Switch off the system when it is not required.
- Never fill the fuel tank right to the brim to avoid overflow.
- Do not leave an empty roof rack fitted to the vehicle.
- It is better to fit a trailer for bulky objects.

Some advice for reducing consumption and helping to preserve the environment:

Drive with the air vents open and the windows closed.

If the vehicle has been parked in the sun, open the doors for a few moments to let the hot air escape before starting the engine.

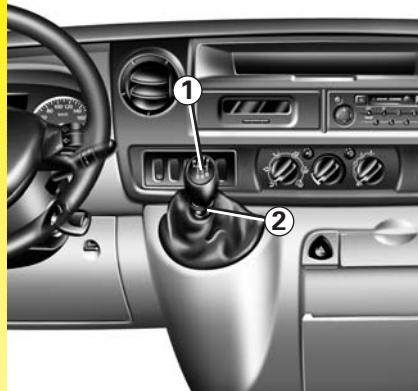


Tyres

Increased fuel consumption could be the result of:

- Insufficient pressure,
- Using non-recommended tyres.

GEAR LEVER



To select reverse gear

With the vehicle stationary, move the gear lever into neutral then into reverse.

Follow the grid drawn on gear knob **1** and, depending on the vehicle, lift ring **2** up against the gear knob to select reverse gear.

The reversing lights will light up as soon as reverse gear is selected (with the ignition on).

POWER STEERING

If you have power assisted steering never leave the steering wheel on full lock when the vehicle is parked as this may damage the pump.



Never switch off the ignition when travelling downhill, and avoid doing so in normal driving (power steering and brake servo will not function).

HANDBRAKE



To apply

Pull upwards, ensure that the vehicle cannot move.

To release:

Pull up the lever slightly, press button 2 and then lower the lever to the floor.

The red warning light on the instrument panel will light up if you are driving with an incorrectly released handbrake.



Make sure that the handbrake is properly released when driving, otherwise overheating may occur.



Depending on the vehicle gradient and/or load, it may be necessary to add at least two additional locking notches and engage a gear (1st or reverse).

ANTI-LOCK BRAKING SYSTEM (ABS)

Under heavy braking, the system has two principal aims, to reduce the stopping distance and keep your vehicle under control. However, there is a risk that roadholding and directional control may be lost and the wheels may lock under braking, depending on the nature of the ground, weather conditions and your reactions. The Anti-lock Braking System (ABS) has been designed to combat this danger.

The safety enhancement is that the brake control system prevents the wheels from locking, even if the brakes are applied too sharply, and allows the vehicle to be steered and thus its direction to be controlled. Under these circumstances it is quite possible for the driver to steer the vehicle and to avoid an obstacle whilst at the same time applying the brake. Also, this system allows you to optimise stopping distances, especially when roadholding becomes difficult (wet or slippery roads, variable road surfaces).

Although this system allows you to optimise stopping distances, the ABS system does not allow you to increase vehicle performance, which is physically linked to the local conditions of tyre/ground adhesion. It is still essential to follow the rules of good driving practice (such as driving at a safe distance from the vehicle in front). **The fact that the vehicle's safety has been increased should not encourage you to take risks.**

You will feel pulsing through the brake pedal when the system has been activated. These tangible signs will warn you that the adhesion between the tyres and the ground has reached its limit and enable you to adapt your driving style to suit the road conditions.

The braking modulation provided by the ABS is independent of the effort applied to the brake pedal. In an emergency, apply **firm and continuous pressure** to the brake pedal. There is no need to pump it repeatedly.

Operating faults

Two possible situations may occur:

1 - The  warning light on

the instrument panel is lit up.

Braking is still performed, but without the ABS system. Contact a RENAULT Dealer as soon as possible.



2 - Warning lights 

and  on the instrument panel are lit.

This indicates that both the braking system and the ABS system are faulty. Your braking systems are only partially operational. However, **it is dangerous to brake suddenly** and it is essential to stop immediately, as soon as traffic conditions allow. Call a RENAULT Dealer.

AIR SUSPENSION



This function ensures that the load area height is kept at a constant level whatever the load.

The switch **1** allows the vehicle to be lowered or raised at the rear (e.g. for loading).

How the system operates



If switch **1** is on, it indicates that the system is operating.

To lower the rear of the vehicle

With the vehicle stationary and the handbrake applied, press the switch **1**.



If the ignition is on, the switch on the instrument panel will flash while the vehicle is being lowered and then light up when the vehicle is in the lowered position.

To raise the rear of the vehicle

With the vehicle stationary, the ignition on and the handbrake applied, press switch **1**.



The switch on the instrument panel flashes for the time during which the rear of the vehicle is being raised and then goes out when the vehicle returns to the initial position.

Note: The action of releasing the handbrake or driving will cause the vehicle to be raised automatically if it is in the lowered position.

Operating fault warning light



If the red warning light on the instrument panel illuminates, it indicates that the system is faulty.

Call a RENAULT Dealer.

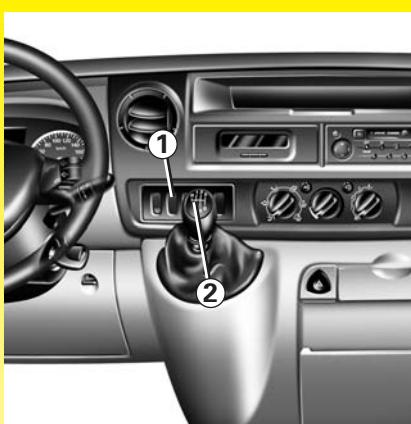
CRUISE CONTROL / SPEED LIMITER: cruising function

The cruise control function helps you to maintain your driving speed at a speed that you choose, called the **cruising speed**.

This cruising speed can be adjusted continuously above 18 mph or (30 km/h).

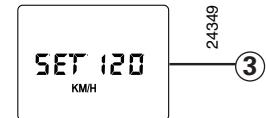


The cruise control function has no effect on the braking system.



Controls

- 1 Main On/Off switch
- 2 Activation of cruising speed. Increasing or decreasing the cruising speed.



Indicator light



This green indicator light on the instrument panel comes on to indicate that the cruise control function is in operation.

The stored speed information appears on instrument panel display 3.



This function is an additional driving aid. However, the function does not take the place of the driver. Thus, it can, under no circumstances, replace the driver's responsibility to respect speed limits and to be vigilant (the driver must always be ready to brake). The cruise control must not be used in heavy traffic, on winding or slippery roads (black ice, aquaplaning, gravel) and during bad weather (fog, rain, side wind, etc.).

There is a risk of accident.

CRUISE CONTROL - SPEED LIMITER: cruising function (continued)



Switching on

Press switch 1  side.

The switch indicator light comes on and, depending on the version, the trip computer switches to cruise control.

Activating cruise control

At steady speeds (from 20 mph (30 km/h)) and in the correct gear, press one side of switch 2: the function is activated.

Driving

When a cruising speed is stored you may lift your foot off the accelerator pedal.

N.B. you are advised to keep your feet near the pedals in case of emergency.

The system is designed in such a way that it is possible to detect a difference between the cruising speed and the speed shown on the instrument panel.

Varying the cruising speed

You may change the cruising speed by pressing button 2 (consecutive presses or pressing and holding):

- on the - side to decrease the speed,
- on the + side to increase the speed.

Exceeding the cruising speed

In the event of an emergency

The cruising speed may be exceeded at any time by pressing the accelerator pedal. When this happens, the cruising speed flashes on the trip computer.

Cruising speed cannot be maintained

In some driving conditions (for example when driving up or down a steep gradient), the system is unable to maintain the set speed: the speed on the instrument panel information display will flash to inform you of this.

Stopping the function

The function is interrupted when you depress the clutch or brake pedal, or press button 1. The cruising speed is no longer active.



Stopping the cruise control function does not cause a rapid reduction in speed: you must brake by depressing the brake pedal.

CRUISE CONTROL / SPEED LIMITER: limiter function

The speed limiter function helps you to not exceed the driving speed that you choose.

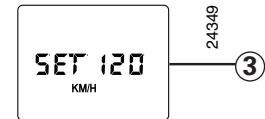
This may be useful, for example, in town driving or in areas with speed restriction (roadworks), etc.

The system operates from a driving speed of about 18 mph (30 km/h).



Controls

- 1 Main On/Off switch
- 2 Limit speed increase, decrease and storage.



Indicator light

This orange indicator light lights up on the instrument panel to indicate that the limiter function is in operation.

Depending on the vehicle, the stored speed information appears on instrument panel display 3.

CRUISE CONTROL / SPEED LIMITER: limiter function (continued)



Switching on

Press side switch 1



The indicator light on the instrument panel comes on and the trip computer enters speed limiter mode.

Limiting the speed

At a steady speed (above 20 mph (30 km/h)) and in the correct gear (for vehicles with manual gearboxes), press switch 2: the speed is stored.

Driving

When a limit speed is stored, depress the accelerator pedal until you reach the limit speed.

Beyond this point, no amount of effort on the accelerator pedal will allow you to exceed the programmed speed except in an emergency (see information on exceeding the limit speed).

Varying the limit speed

You may change the limit speed at any time by pressing button 2 (pressing it briefly several times or pressing and holding it):

- on the + side to increase the speed,
- on the - side to decrease the speed.

The system is designed in such a way that it is possible to detect a difference between the programmed speed and the speed shown on the instrument panel.

CRUISE CONTROL / SPEED LIMITER: limiter function (continued)

Exceeding the limit speed

In the event of an emergency

It is possible to exceed the limit speed at any moment, to do this: depress the accelerator pedal **firmly and fully** (beyond the kickdown point).

The speed flashes on the instrument panel (trip computer) to inform you that the limit speed is being exceeded.

When the emergency situation is over, release the accelerator pedal: the speed limiter function returns as soon as you reach a speed that is lower than the speed set before the emergency action.

Limit speed cannot be maintained

In some driving conditions (for example when driving up or down a steep gradient), the system is unable to maintain the limit speed: the stored speed on the instrument panel information display will flash to inform you of this situation.

Switching the function off

The speed limiter function is interrupted when you press:

- button **1**, the limit speed is no longer stored.

Confirmation that the function has been switched off is given when the indicator light on the instrument panel goes out.

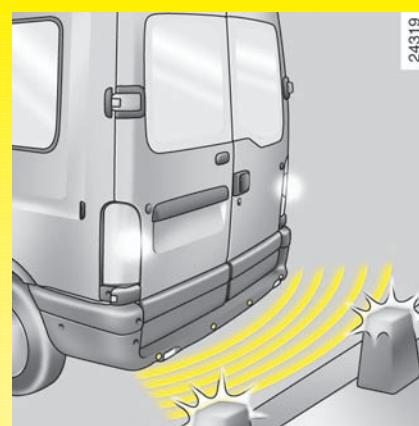
PARKING PROXIMITY SENSOR

Operating principle

Proximity sensors located in the rear bumper "measure" the distance between the vehicle and an obstacle when reversing.

A beep sounds for less than one second when reverse gear is selected.

This measurement is indicated by beeps which become more frequent the closer you are to the vehicle, until they become one continuous beep when the obstacle is approximately 25 centimetres from the vehicle.



24319

Operating faults

When the system detects a fault, a beep sounds for 3 seconds as a warning when reverse gear is selected. Contact your RENAULT Dealer.

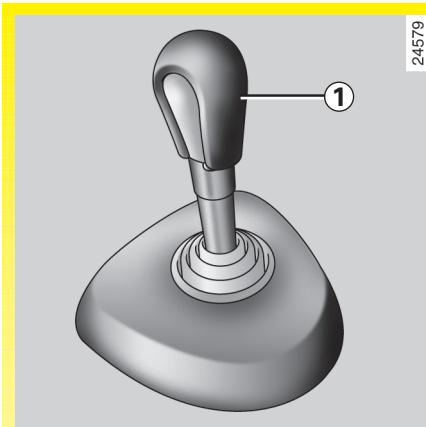


This function is an additional aid which indicates the distance between the vehicle and an obstacle when reversing by means of audible signals.

Under no circumstances should it replace vigilance and responsibility on the part of the driver when reversing.

The driver should always pay attention to sudden occurrences during driving: always ensure that there are no moving obstacles (such as a child, animal, pram or bicycle, etc.) or small, narrow objects such as stones or posts in your path when manoeuvring.

QUICKSHIFT GEARBOX

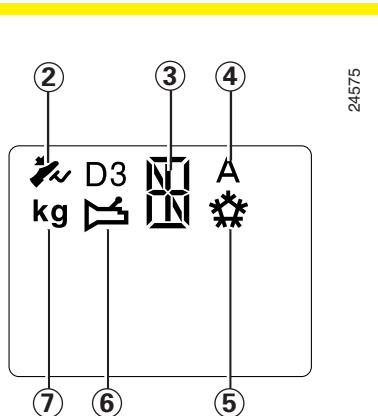


24579

Gear lever 1

- This allows you to change directly from first gear to reverse gear, to select reverse gear and neutral and to change gear in manual mode.
- It also allows you to switch between manual and automatic modes at any time, with the engine switched on and reverse gear engaged, by moving the lever to the left.

Note: the selector lever automatically returns to the centre position after use.



24575

Display

- 2 Brake pedal depressed indicator light
- 3 Gear display
- 4 Automatic mode
- 5 Snow mode
- 6 Gearbox fault warning light
- 7 Load mode

The gear engaged (1, 2..., 6, N, R) is indicated on the instrument panel display. In automatic mode, (A) is displayed.

Starting the engine

Switch on the ignition.

The display lights up on the instrument panel.

If neutral (N) is displayed, start the engine but do not depress the accelerator.

If a gear other than neutral (N) is displayed, the display will flash. It will then only be possible to start the engine if you depress the brake pedal (warning light 2 will light up if you forget) and the ignition key is in the starting position.

The gear will then automatically change to neutral (N) and the engine will start.

You may also select neutral after switching on the ignition by pushing the lever to the right whilst depressing the brake pedal.

Note: do not attempt to bump start the engine if the battery is flat (the display remains off when the ignition is switched on).

QUICKSHIFT GEARBOX (continued)

24615

Starting the engine

Moving forwards (from neutral)

The gear display indicates **N** and **A**.

- With your foot on the brake pedal, push the selector lever forwards and then release it.
- Release the brake pedal and accelerate gently to move forwards.

Moving the lever (changing gears up or down or moving the lever to the left) will switch to semi-automatic mode (refer to the "Semi-automatic operating mode" section).

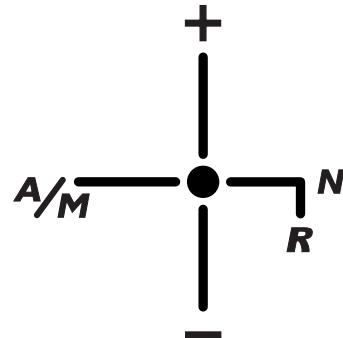
Move the lever to the left to return to automatic mode.

Reverse gear (vehicle stopped)

- With your foot on the brake pedal. Push the selector lever towards the right and to the rear as shown on the base of the lever, and then release it. Reverse gear is engaged and the letter **R** appears in the display.
- Release the brake pedal:
 - The engine's idle speed is sufficient for parking manoeuvres.
 - Accelerate gently to reverse.

You may shift from reverse gear to a forwards gear by pushing the lever forward once the vehicle is stationary.

Note: You should depress the brake pedal to engage or disengage a gear when stopping. Otherwise, warning light **2** will light up.



Gear shift pattern (refer to the marking on the base of the lever)

- + To move up through the gears
- To move down through the gears
- N** Neutral
- R** Reverse gear
- Only stable position of the lever
- A/M** to switch from automatic mode to manual mode and vice-versa



In the same way as a vehicle equipped with a manual gearbox, a vehicle equipped with a Quickshift gearbox is unable to prevent the vehicle from rolling on a slope if the handbrake is not applied or the brake pedal is constantly depressed.

QUICKSHIFT GEARBOX (continued)

Semi-automatic mode operation (manual)

It is possible to switch from automatic mode to semi-automatic mode at any time when the vehicle is in motion by moving the selector lever up or down through the gears or by pushing the lever to the left. In this case, the switch will be made without changing upwards.

You can initiate gear changes using the selector lever.

To shift up a gear, simply push the selector lever forwards; the accelerator pedal does not have to be released.

To move down through the gears, simply push the selector lever backwards; the accelerator pedal does not have to be released.

The system will not tolerate a series of up or down changes that cause the engine to underrev or overrev.

By pushing the lever forwards twice you can move up two gears at a time (except if underrevving). By pushing the lever backwards twice you can move down two gears at a time (unless overrevving).

When decelerating with your foot off the pedal, the gears will automatically drop to the low speed limit to avoid stalling. First gear automatically passes below a certain speed limit. You can stop the vehicle at red lights or junctions etc. by depressing the brake pedal, there is no need to shift to neutral (**N**).

The vehicle will move off again:

- either slowly, if you release the brake without accelerating (e.g. when in a traffic jam)
- or quickly, if you release the brake and accelerate.

Note: neutral may only be selected when the vehicle is being driven or is stationary and when **the brake pedal is depressed (if you forget, warning light 2 will light up)**.

Push the gear lever to the right to engage neutral.

If the engine is being overrevved or underrevved, the system will select the optimum gear.

Semi-automatic mode can be deactivated and reactivated at any time when the engine is running by pushing the lever to the left.

QUICKSHIFT GEARBOX (continued)

Operation in automatic mode

Automatic mode is selected by default every time the ignition is switched on.

It can be activated or deactivated at any time when the engine is running by pushing the lever to the left. Letter **A** appears on the display. The vehicle is controlled using the accelerator and the brake. Gears will change automatically at the correct moment at a suitable engine speed because automatic mode takes into consideration the road surface and the chosen driving style.

Gears may be shifted manually in this mode. Pushing the lever forwards once shifts up a gear (unless there is a risk of underrevving) and pulling it back once shifts down a gear (unless there is a risk of overrevving), and the system switches to manual mode.

Note:

Automatic mode takes account of:

- the position and speed of depression of the accelerator pedal to assess driving style and select the optimum gear,
- action on the brake pedal to alert the engine brake by anticipating the down-change.

You can stop the vehicle at red lights, with a gear engaged, by depressing the brake pedal; there is no need to select neutral.

The vehicle will move off again:

- either slowly, if you release just the brake without accelerating (e.g. when in a traffic jam)
- or quickly, if you release the brake and accelerate.

Automatic mode is selected by default every time the ignition is switched on.

The level of oil in the sequential gearbox system reservoir is variable depending on use. Adding oil is **strictly forbidden** (except by qualified RENAULT network personnel).

QUICKSHIFT GEARBOX (continued)

Special circumstances

Snow mode

When the vehicle is driven on a surface where you are likely to skid (snow, mud, etc.) press the  switch on the dashboard, the indicator light on the instrument panel lights up.

Once these driving conditions no longer apply, deselect this position by pressing the switch again. The indicator light will go out.

Switching to snow mode selects the gearbox automatic mode (switching to manual inhibits snow mode until automatic mode is selected again).

Snow mode is deselected every time the engine is switched off. It will be necessary to select it again.

Load position

When the vehicle is driven laden, press the **kg** switch on the dashboard, the indicator light on the instrument panel lights up.

Load mode is deselected every time the engine is switched off. It will be necessary to select it again.

Load mode may be used to equal effect in both automatic and manual modes.

Accelerating and overtaking

You have two options:

- slowly depress the accelerator pedal to accelerate gradually,
- **to obtain maximum vehicle performance regardless of the mode selected (automatic or manual), quickly depress the accelerator pedal beyond the kickdown point.**

The speed at which the pedal is depressed will activate the "kickdown" switch to obtain maximum performance.

Parking

It is possible to park in gear (for example, on a slope). To do this:

- with the ignition on, select a gear **with your foot on the brake**,
- check that a gear other than **N** is displayed on the instrument panel, then remove the ignition key.

To disengage the gear, switch on the ignition without starting the engine and shift the selector lever to neutral **with your foot on the brake**. Check that **N** is displayed on the instrument panel.

QUICKSHIFT GEARBOX (continued)

Horn

- If you keep the vehicle on a slope for too long without applying the brakes or handbrake, there is a risk that the clutch will overheat. In this event, an intermittent beep will remind you that you should put your foot on the brake pedal or apply the handbrake.
- Never leave the vehicle with the engine running when in gear. For safety reasons you will hear an intermittent beep when you open the door if you have not shifted into neutral or you have not switched off the ignition or depressed the brake pedal.

- Your vehicle will not start; you can bump start the engine if the battery is not flat (display is lit up).

Proceed as follows:

- switch on the ignition.
- select neutral,
- push or tow the car or roll it down a big enough slope. Moving the selector lever forwards will engage the gear most suited to starting the engine.

Note: never attempt this with the vehicle moving in reverse.

Operating faults



When driving, if this warning light comes on, it indicates a fault in the system.

In most cases, you may still drive the vehicle, although it will not function perfectly. However, you should contact a RENAULT Dealer as soon as possible.

Towing a vehicle with a sequential gearbox

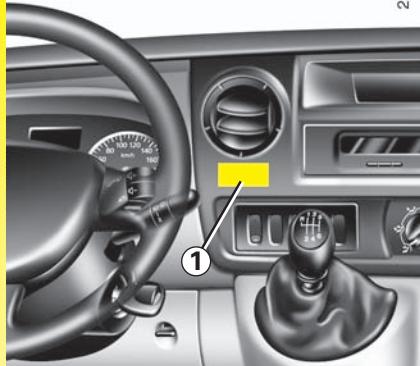
If the gearbox is stuck in a gear:

- switch on the ignition.
- select neutral with the **brake pedal depressed**,
- check that the gearbox is in neutral (by pushing the vehicle, for example).

If you cannot find neutral you must tow the vehicle with the front wheels raised.

Towing should always be carried out with the ignition switched off.

VEHICLE WITH OVERSPEED FUNCTION



25315

Special case: if your vehicle is fitted with a Quickshift gearbox and/or the Cruise control/Speed limiter, fully depressing the accelerator pedal (beyond the kickdown point) will not allow you to exceed the overspeed function set speed (refer to the Speed limiter paragraph in section 2).

The overspeed function speed may be permanently set at a fixed value depending on the vehicle or local legislation.

To adjust the value or activate/deactivate the function, consult your RENAULT Dealer.

Label 1 attached to the dashboard tells you the speed selected.

In exceptional circumstances (e.g. steep gradient etc.), the overspeed function speed may be exceeded slightly as the function does not affect the braking system.



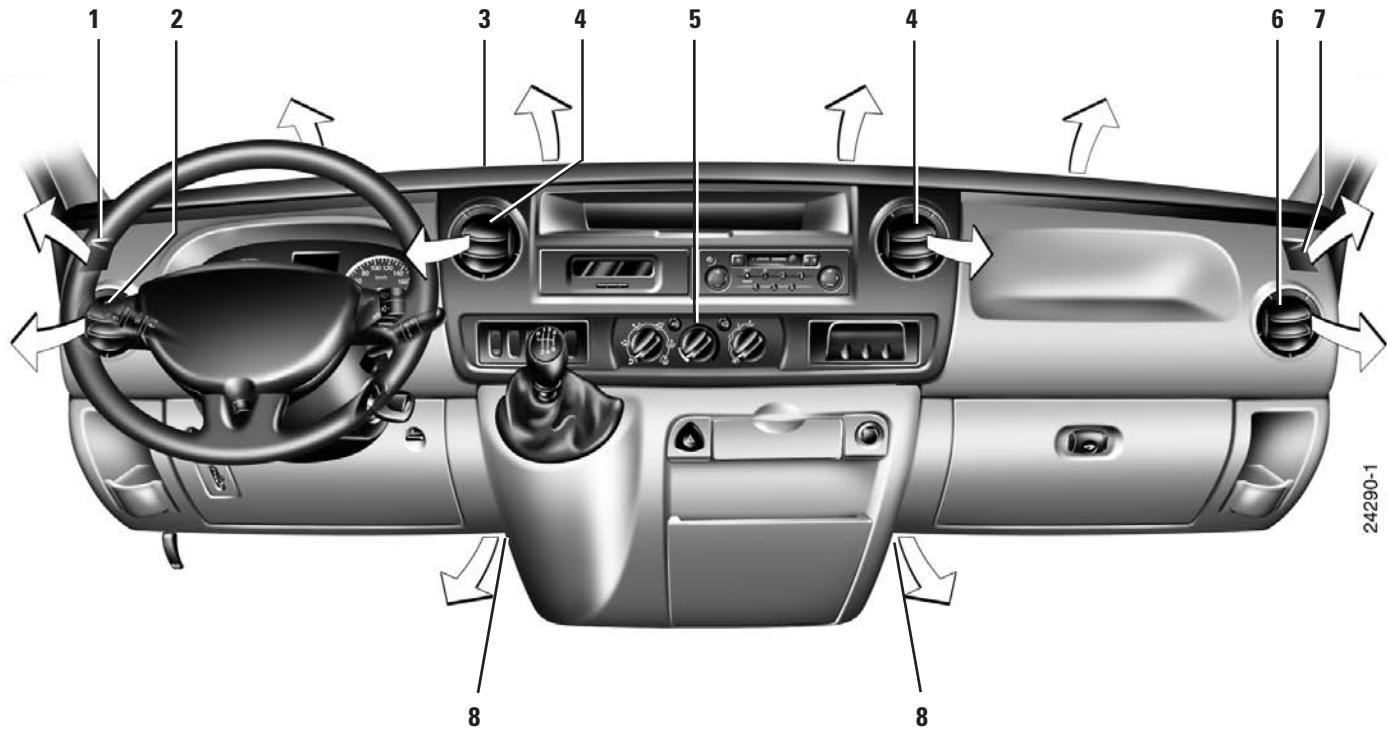
This function is an additional driving aid.

However, the function does not take the place of the driver. Under no circumstances should it replace observation of speed limits nor vigilance and responsibility on the part of the driver.

Section 3: Your comfort

Air vents	3.02 - 3.03
Heating - ventilation	3.04 ➔ 3.06
Air conditioning	3.07 ➔ 3.11
Windows	3.12 ➔ 3.14
Sunroof	3.15
Interior lights	3.16 - 3.17
Sun visor	3.17
Ashtrays / cigarette lighter	3.18
Passenger compartment storage space	3.19 ➔ 3.22
Navigation system	3.23
Rear bench seat	3.24
Object holders	3.25

AIR VENTS (air outlets)



1 - Left-hand side window demister outlet.

2 - Left-hand air vent.

3 - Windscreen demisting outlets.

4 - Centre air vents.

5 - Control panel.

6 - Right-hand side air vent.

7 - Right-hand side window demister outlet.

8 - Footwell heating outlets.

AIR VENTS (continued)

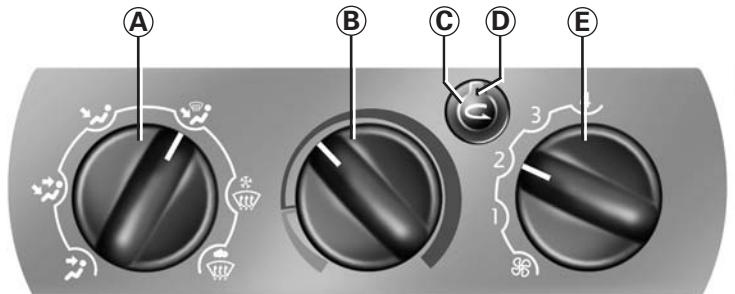


Centre and side air vents

Direction

To direct the air flow, swivel air vent **1** or **2**.

HEATING / VENTILATION WITH PASSENGER COMPARTMENT ISOLATION



24291

Controls

A Air distribution.

B Air temperature adjustment.

C Isolation of the passenger compartment (air recirculation).

D Air recirculation operation indicator light.

E Adjustment of amount of air supplied in passenger compartment

Distribution of air in the passenger compartment

Move control A.

Position



All the air flow is directed to the dashboard vents.

This selection is not appropriate if all the air vents are closed.

Position



The air flow is distributed between the dashboard vents and the footwells.

Position



The air flow is directed to the footwells.

Position



The air flow is distributed between all the air vents, the front side window demisting air vents, the windscreen demisting vents and the footwells.

De-icing position



The air flow is directed towards the windscreen vents and the side air vents.

Use at the highest temperature.

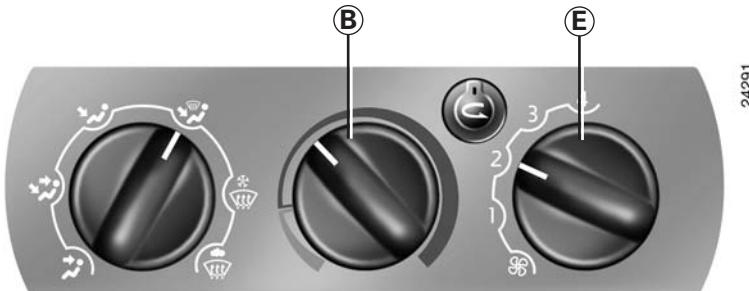
Demisting position



The air flow is directed to the demisting vents for the windscreen and the side windows.

Position incompatible with air recirculation.

HEATING / VENTILATION WITH PASSENGER COMPARTMENT ISOLATION (continued)



24291

Adjusting the air temperature

Turn button **B**.

Turning the knob to the right increases the temperature.

Adjusting the amount of air blown into the passenger compartment

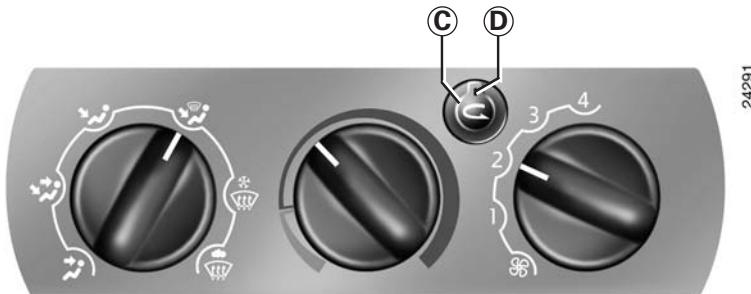
Move control **E** from **1** to **4**.

Passenger compartment ventilation is by "blown air".

The blower determines how much air enters but vehicle speed also has some influence on this.

The further the control is positioned to the right, the greater the quantity of air blown into the passenger compartment.

HEATING / VENTILATION WITH PASSENGER COMPARTMENT ISOLATION (continued)



Note: using the demisting position prevents use of the recirculation function.

Passenger compartment isolation

Button C

Normal operation of the heating and ventilation system is obtained using external air.

Recirculation of air allows the external atmosphere to be isolated (driving in polluted areas).

Press button **C** to switch to isolation mode.

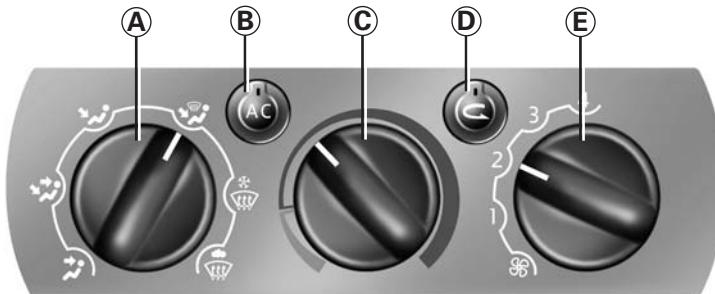
Air recirculation allows the desired level of comfort to be achieved as quickly as possible.

This starts or stops air recirculation. Operation indicator light **D** switches on when this function is in use. In this position, air is taken from inside the passenger compartment and is recirculated without admitting external air.

Prolonged use of this position can lead to condensation forming on the side windows and windscreen and problems due to the use of non-renewed air in the passenger compartment.

We therefore advise you to return to normal operation (external air) as soon as air recirculation is no longer needed, by pressing button **C**.

AIR CONDITIONING



24292

Controls

A Air distribution

B Switching on the air conditioning

C Adjusting the air temperature

D Passenger compartment isolation
(air recirculation)

E Adjusting the volume of blown
air

Information and advice for use

Refer to the end of the air conditioning paragraph

Using the air conditioning system allows you to:

- lower the temperature inside the passenger compartment;
- eliminate condensation more quickly.

Fuel consumption increases when the air conditioning system is being used (switch it off when it is not required).

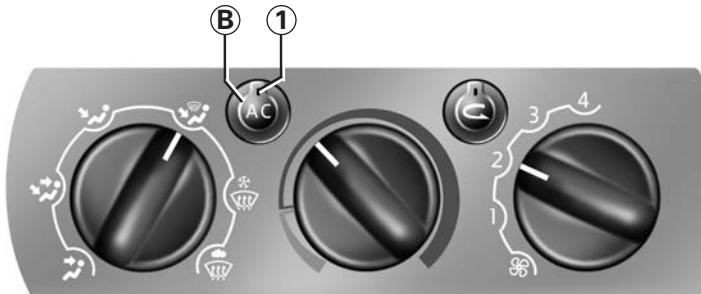
Note: The air conditioning may be used in all conditions but does not operate when the external temperature is low.

A.C

Air conditioning controls

Control **B** operates or stops the air conditioning system.

AIR CONDITIONING (continued)



24292

- **Button B not activated (indicator light 1 off)**

The air conditioning is not operating.

Heating and ventilation are therefore identical to that of a vehicle without air conditioning.

- **Button B activated (indicator light 1 lit)**

The air conditioning is operating.

Air is taken from outside the vehicle, providing a continuous supply of fresh air.

In very hot weather or when the vehicle has been parked in the sun, open the doors for a few moments to let the hot air escape before starting the engine.

Use the isolation of the passenger compartment function to lower the temperature as quickly as possible to the required level. Switch off the air recirculation function once a comfortable level has been reached.

When the air conditioning system is operating, all windows must be closed for maximum efficiency.

If there is an operating fault, contact your RENAULT Dealer.

If no cool air is produced

Check that the controls are set correctly and that the fuses are sound. If both these points are correct, switch off the system (indicator light 1 goes out) and consult a RENAULT Dealer.



Do not open the refrigerant circuit: the fluid is dangerous to the eyes and skin.

AIR CONDITIONING (continued)



Distribution of air in the passenger compartment

Move control A.

Position



All the air flow is directed to the dashboard vents.

This selection is not appropriate if all the air vents are closed.

Position



The air flow is distributed between the dashboard vents and the footwells.

Position



The air flow is directed to the footwells.

Position



The air flow is distributed between all the air vents, the front side window demisting air vents, the windscreen demisting vents and the footwells.

De-icing position



All the air flow is directed to the demisting vents for the windscreens and the side windows.

Use at the highest temperature.

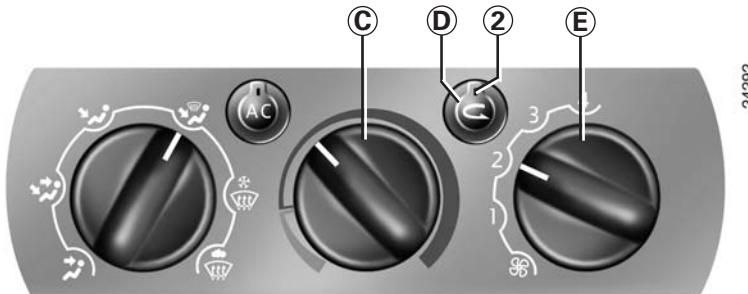
Demisting position



The air flow is directed to the demisting vents for the windscreens and the side windows.

Position incompatible with air recirculation, air conditioning is triggered automatically.

AIR CONDITIONING (continued)



Passenger compartment isolation

Button D

Normal operation of the heating and ventilation system is obtained using external air.

Recirculation of air allows the external atmosphere to be isolated (driving in polluted areas).

Press button **D** to move to isolation mode.

Air recirculation allows the desired level of comfort to be achieved as quickly as possible.

This starts or stops air recirculation. Operation indicator light **2** switches on when this function is in use. In this position, air is taken from inside the passenger compartment and is recirculated without admitting external air.

Prolonged use of this position (recycled air) may mist up the windows slightly or cause odours due to the air not being renewed.

It is therefore advisable to return to normal operation (external air) by pressing button **D** when you have passed through the polluted area.

Adjusting the air temperature

Move control **C**.

To the right: Maximum possible temperature.

To the left: Minimum possible temperature.

Adjusting the amount of air blown into the passenger compartment

Move control **E** from **0** to **4**.

Passenger compartment ventilation is by "blown air". The blower determines how much air enters but vehicle speed also has some influence on this.

The further the control is positioned to the right, the greater the quantity of air blown into the passenger compartment.

Note: using the demisting position prevents use of the recirculation function and triggers the air conditioning.



AIR CONDITIONING: information and operating advice

Fuel consumption

You will normally notice an increase in fuel consumption (especially in town) when the air conditioning is operating.

Some advice for reducing consumption and therefore helping to preserve the environment:

It is advisable to drive with the vents open and the windows closed.

If the vehicle has been parked in the sun, open the doors for a few moments to let the hot air escape before starting the engine.

Maintenance

Refer to the maintenance service booklet for your vehicle for the replacement frequency.

Operating faults

Generally, in the event of an operating fault, consult your RENAULT Dealer.

- **Reduction in de-icing, demisting or air conditioning performance.** This may be caused by the passenger compartment filter cartridge becoming clogged.

- **No cold air is being produced.** Check that the controls are set correctly and that the fuses are sound. Otherwise, switch off the system.

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

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

WINDOWS



Front manual window winders

Turn winder 1.



Sliding rear windows

Press tab 2 and slide the window.



Sliding windows and doors

Before moving them, ensure that no passenger has part of their body outside the window or door.

WINDOWS (continued)



Front driver's side electric window

With the ignition on, press switch 3 to open the window or raise lift switch 3 to close it.

Automatic operation

Press switch 3 briefly to raise or lower the window completely.

Pressing switch 3 again while the window is moving will stop the operation.



Front passenger's side electric window

From the driver's seat, use switch 4.

From the passenger's seat, use switch 5.

With the ignition on, press switch 4 or 5 to open the window or raise switch 4 or 5 to close it.



Driver's responsibility

If there is a child (or animal) in the vehicle, never leave it unattended with the key in the ignition. With the card in the reader, it would be possible to operate the electric windows and there is a risk that the child may be seriously injured (by trapping his or her neck, arm, hand, etc.). If something gets trapped, reverse the direction of travel as soon as possible by pressing on the relevant switch.

“ONE-TOUCH” ELECTRIC WINDOWS



The “one-touch” mode is an additional function of the previously described electric windows.

If it is present on the vehicle, it is fitted to the driver's window only or the two front windows.

Press switch **3** or **4**.

The system operates:

- with the ignition on;
- with the ignition off until the driver's door is opened/closed (limited to approximately 20 minutes).

One-touch mode

- **Press the relevant switch down fully:** the window will open completely.
- **Raise the relevant switch fully:** the window closes completely.

Pressing the switch again while the window is moving will stop its movement.



Driver's responsibility

If there is a child (or a pet) in the vehicle, never leave it unattended with the key in the ignition. With the key in the ignition it would be possible to operate the electric windows and there is a risk that a child or animal may be seriously injured (by trapping his or her neck, arm, hand, etc.). If something gets trapped, reverse the direction of travel as soon as possible by pressing the relevant switch.

SUNROOF



To open

Tilt handle **1** forwards.



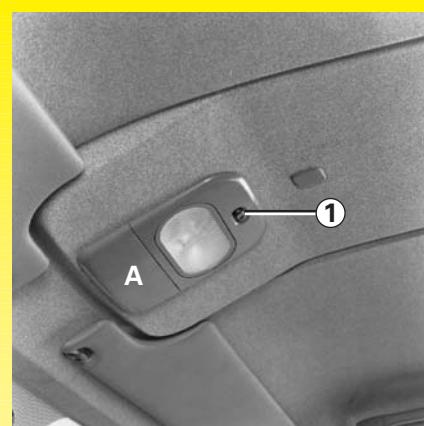
Press buttons **2** (on each side of the handle) and lift the roof up.

To close

Proceed in the reverse order.

- Ensure that the sunroof is properly closed before you leave your vehicle.
- Clean the seal every three months using products selected by RENAULT's Technical Department.

INTERIOR LIGHTS



Lights A, B, C

By tilting switch **1-2-3** or light **4**, you get:

- continuous lighting;
- intermittent light;
- no lighting.



Intermittent lighting

There are two cases:

- **Vehicle with remote control locking unit**

All the courtesy lights will light up when a front door is opened.

The rear courtesy lights will light up when a rear door is opened.



- **Vehicle without remote control locking unit**

All the courtesy lights will light up when a front or rear door is opened.

INTERIOR LIGHTS (continued)



SUN VISOR



Rear lights 5 and 6

By pressing switch **5** or **6**, you get:

- continuous lighting;
- lighting switched on when one of the rear doors is opened. The light only goes out when the doors are correctly closed;
- no lighting.

Lower sun visor **7**.

The sun visor can be swung round against the window of the door.

ASHTRAY / CIGARETTE LIGHTER



Ashtray in front console

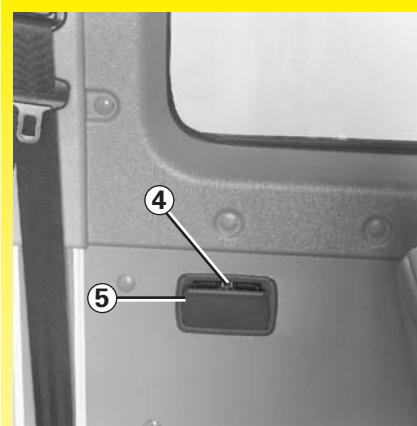
To open, pull cover 1.

To empty, press tabs 3 and pull the whole cover towards you to remove the ashtray from its housing.

Front cigarette lighter

With the ignition on, press in the cigarette lighter 2.

It will spring back with a click when it is ready. Pull it out to use. After use, replace it without pushing it all the way in.



Rear ashtrays

To open, pull cover 5.

To empty, press tab 4 and pull the whole cover towards you to remove the ashtray from its housing.

PASSENGER COMPARTMENT STORAGE

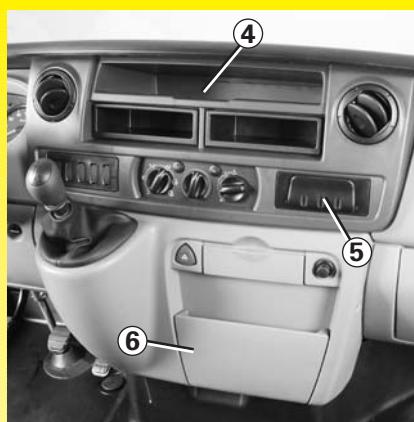


**Passenger storage compartment 1
(or location for passenger airbag)**

Passenger side glove box

To open, unlock with the key, then press control 2.

Cup holder 3



Gloveboxes 4

Paper holder 5

Storage compartment 6

Location for document holder.



**Front door storage
compartment 7, bottle holder 8**



Nothing should be placed around the driver's feet, as such objects may slide under the pedals during sudden braking manoeuvres and obstruct its use.

PASSENGER COMPARTMENT STORAGE (continued)



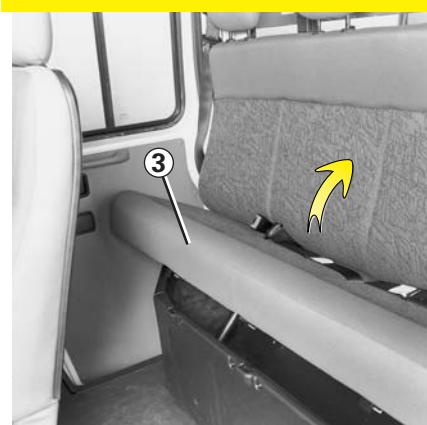
Upper cab storage compartment 1

Reserved for the transport of objects only.

The total weight of the upper cab storage compartment must not exceed 30 kilograms.



Storage underneath front bench seat 2



Storage box

The seat cushion 3 lifts up to give access to a storage box underneath the bench seat.



Nothing should be placed around the driver's feet, as such objects may slide under the pedals during sudden braking manoeuvres and obstruct its use.

PASSENGER COMPARTMENT STORAGE (continued)



Sub-frame front bench

The bench is composed of two seat cushions.

To access the storage compartments:

- Pull the front of the seat cushion upwards (movement **A**).



- Move the seat cushion forwards (movement **B**).



- Tilt it forwards (movement **C**).
Proceed in the reverse order to refit the bench seat.



The “open seat cushion” position is prohibited when driving.

When moving the bench seat, make sure the seat belt reels **1** are correctly repositioned before folding down the seat cushion.

PASSENGER COMPARTMENT STORAGE (continued)



Storage net 2

The total weight in the net must not exceed 4 kg (evenly distributed); the total weight in the storage compartment, 3 kg and that in the storage pocket, 1 kg.



Storage pockets 3

(one or two depending on the vehicle)



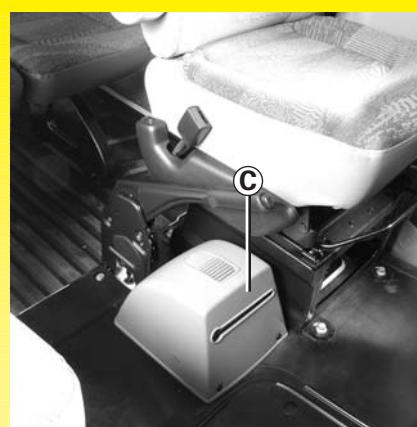
Storage compartment 4

When refitting storage compartment 4, check that the arrow at the bottom of the storage compartment points forwards.



The “open seat cushion” position is prohibited when driving.

NAVIGATION SYSTEM



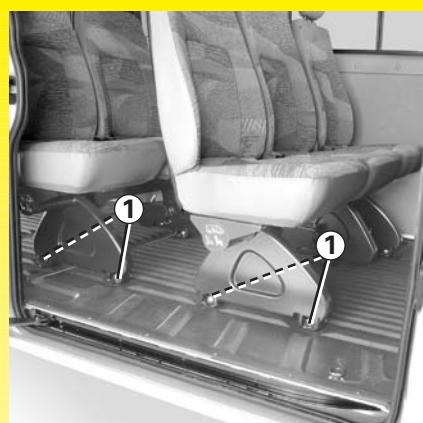
If fitted in the vehicle, the system is made up of:

- display **A**;
- controls **B**;
- CD-rom player **C**.

Refer to the manufacturer's instructions for information on how to operate this equipment.

Please keep these instructions with the rest of the vehicle documentation.

REAR BENCH SEAT



Removing the bench seat

For each bench seat, raise levers 1. Push the bench seat so as to release anchoring points 2, then raise it to remove it.



It is forbidden to remove the anchorage points.

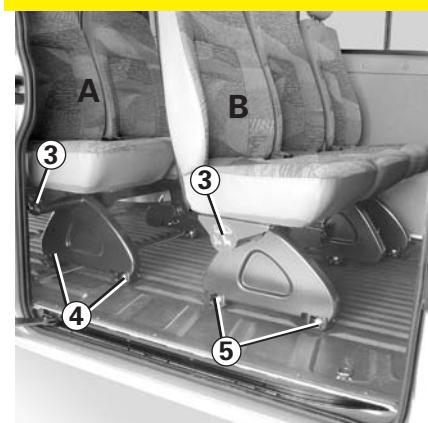


Refitting the bench seat

Carry out the procedures for removal in reverse order.

Check that the bench seat is locked in place correctly (levers 1 must be fully locked in place).

Note: depending on the vehicle, move the 2-seat bench seat.

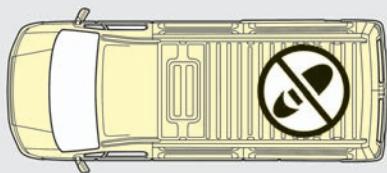


The bench seat must be placed on its original anchorage points. Therefore, if there are two bench seats, it is essential to place the rear bench seat **A** on its four anchorage points **4** and intermediate bench seat **B** on its four anchorage points **5**.

Labels **3** remind you of these instructions.

The rear-facing bench seat position must not be used when the vehicle is being driven.

TRANSPORTING OBJECTS



Roof rack

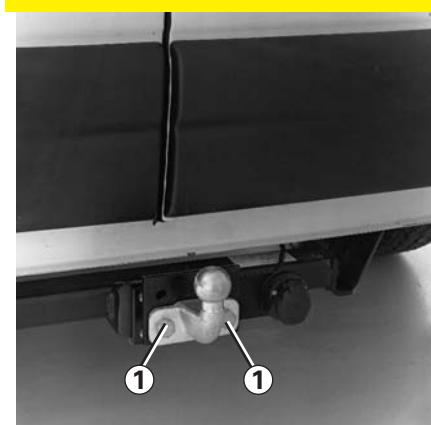
Whether you are loading or unloading objects from the roof rack, you must never climb onto the roof to reach objects.

Some vehicles cannot be fitted with a roof rack, refer to the table of weights in Section 6.

Rear cell or cab floor



Always position the heaviest items directly on the floor. Use the lashing points on the luggage compartment floor, if these are fitted to the vehicle. The luggage should be loaded in such a way that no items will be thrown forward and strike the occupants if the driver has to brake suddenly. Fasten the rear seat belts, even if the seats are not occupied.



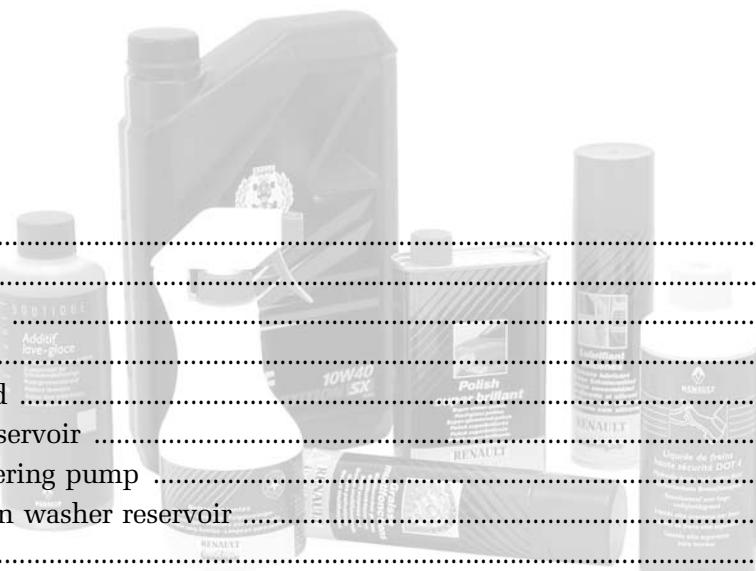
Towing

Fitting the towing ball hitch

It is **essential** to use the three lower holes. Tighten studs 1, observing a tightening torque of 19.5 daNm (decaNewtonmetres).

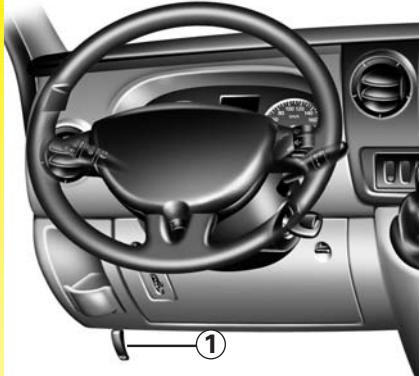
In all cases, take care to follow local laws (e.g., remove the towing ball when not towing, etc.).

Section 4: Maintenance



Bonnet	4.02
Engine oil level	4.03 ➔ 4.06
Engine oil change	4.06
Engine oil grade	4.06
Levels: brake fluid	4.07
coolant reservoir	4.08
power steering pump	4.09
windscreen washer reservoir	4.09
Filters	4.10
Battery	4.11
Maintenance of bodywork and trim	4.12 ➔ 4.14

BONNET



Opening the bonnet

To open the bonnet, pull the handle **1**.



Take care when working under the bonnet as the engine cooling fan may start to operate at any moment.

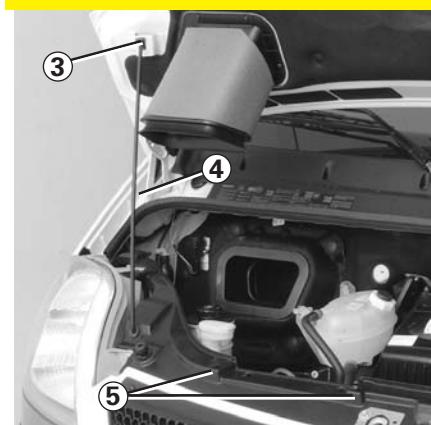
Before closing the bonnet, ensure nothing has been left in the engine compartment.



Bonnet safety lock

To unlock, lift catch **2**.

Lift the bonnet, release stay **4** from its holders **5** and, for your own safety, it is **very important** to fix it into retainer **3** in the bonnet.



To close the bonnet, replace stay **4** in its holders **5**, hold the bonnet in the middle and lower it 8 inches (20 cm) above the closed position, then release it. It will latch automatically under its own weight.



Check that the bonnet is properly latched.

ENGINE OIL LEVEL

It is normal for an engine to use oil for lubrication and cooling of moving parts and it is sometimes necessary to top up the level between oil changes.

However, contact your RENAULT Dealer if more than 0.5 litres is being consumed every 600 miles (1000 km) after the running in period.

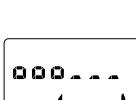
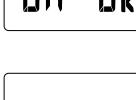
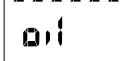
Oil change frequency: check the oil level from time to time and certainly before any long journey to avoid the risk of damaging your engine.

Reading the oil level

The vehicle must be parked on level ground and the engine should have been switched off for some time beforehand to obtain an accurate reading.

The oil level can be read:

- on the instrument panel;
- on the dipstick.

	24344	Message 1 Level satisfactory
	24345	Message 2 Example level display
	24343	Message 3 Minimum level (flashing)

Reading the level on the instrument panel

When the ignition has been switched on for approximately 30 seconds:

- if the level is correct, the display will show "oil ok" (display message 1).

Special Note: to gain a more precise indication of the level, press the trip mileage recorder reset button or the information scroll button on the trip computer and warning system.

The squares which appear on the display indicate the level. The number of squares displayed is reduced as the oil level drops and they are replaced by a dash: example display message 2.

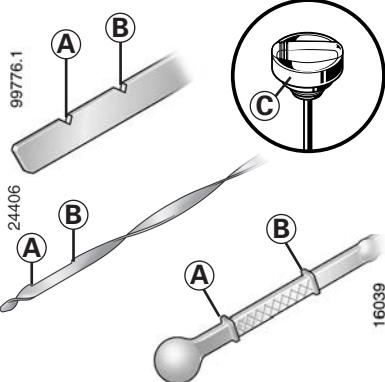
To advance to trip computer reading, press the button again.

- When the minimum oil level is reached, the word "ok" is not displayed, the dashes and the word "oil" flash (display message 3)

and the SERV warning light on the instrument panel lights up on some versions.

It is vital to top up the oil as soon as possible.

ENGINE OIL LEVEL (continued)



Contact your RENAULT Dealer at once if you notice an abnormal or repeated drop in any of the fluid levels.

Reading the level using the dipstick

- take out the dipstick;
- Wipe the dipstick using a clean, lint-free cloth.
- Push the dipstick in as far as it will go. (For vehicles equipped with a cap-type dipstick **C**, screw in the cap as far as it will go.)
- Take out the dipstick again;
- Read the oil level. It should never fall below the minimum oil level **A** nor exceed the maximum oil level **B**.



Take care when working under the bonnet as the engine cooling fan may start to operate at any moment.

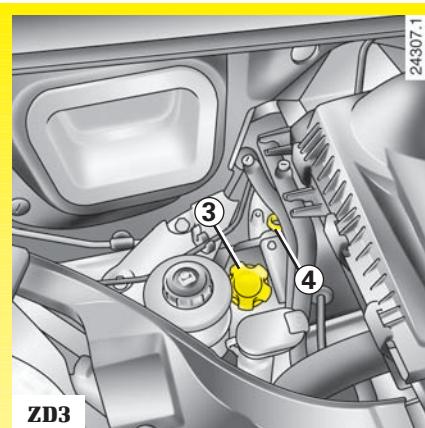
ENGINE OIL LEVEL (continued)



Topping up/filling

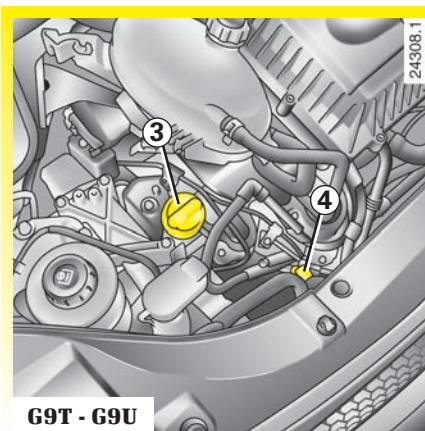
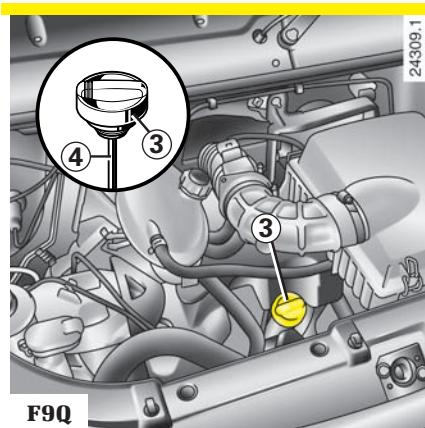
The vehicle must be parked on level ground and the engine should be cold (for instance, before the engine is started up for the first time in the day).

Since access to the filler plug is limited, it is necessary to use funnel 2 (stored beneath the driver's seat 1) to make filling with oil easier.



- Unscrew cap 3;
- top up the level (for information, the capacity between the minimum and maximum reading on the dipstick 4 is between 1.5 and 2 litres depending on the engine);
- wait for approximately 10 minutes to let the oil flow into the engine;
- check the level on the dipstick 4 (as explained previously).

Do not exceed the “**max**” level, and do not forget to screw the cap back in place 3.



ENGINE OIL LEVEL (continued) / OIL CHANGE

Oil change

Oil change frequency: refer to your vehicle servicing booklet.

Average capacities for oil change
(for information)

F9Q engine : 4.7 litres

G9T engine : 8 litres

G9U engine : 8 litres

ZD3 engine : 7.3 litres

Oil filter included.

The oil filter should be replaced periodically: refer to the servicing booklet for your vehicle.



Filling: take care when topping up the oil that no oil drips onto engine components: risk of fire. Remember to refit the cap securely as there is a risk of fire if oil splashes onto hot engine components.



Engine oil change: if you are changing the oil when the engine is hot, be careful to avoid scalding yourself when the oil flows out.

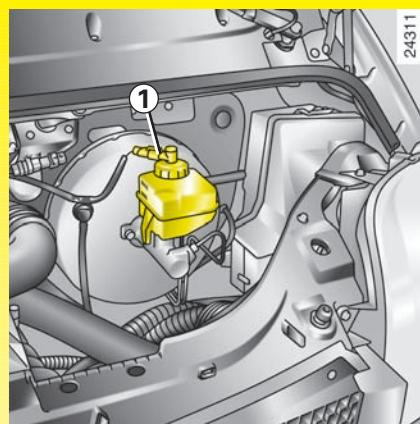
Never run the engine in an enclosed space as exhaust fumes are poisonous.



Take care when working under the bonnet as the engine cooling fan may start to operate at any moment.

Contact your RENAULT Dealer at once if you notice an abnormal or repeated drop in any of the fluid levels.

LEVELS



Brake fluid

This should be checked frequently, especially if you notice even the slightest loss in braking efficiency.

Level 1

It is normal for the level to drop as the brake shoes become worn, but it must never drop lower than the "min" danger level.

Filling

After any operation on the hydraulic circuit, a specialist must replace the brake fluid.

It is essential to use a liquid approved by RENAULT's Technical Department complying with standards SAEJ 1703 f Dot 4 and taken from a sealed can.

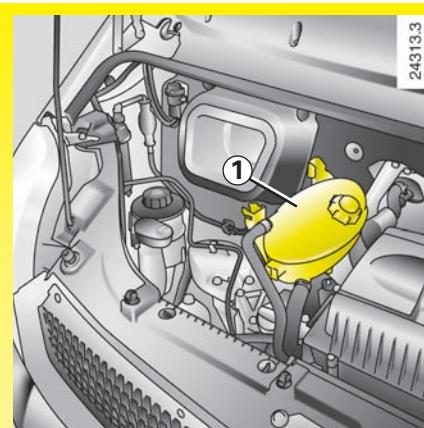
Replacement interval

Refer to the servicing booklet for your vehicle.



Take care when working under the bonnet as the engine cooling fan may start to operate at any moment.

LEVELS (continued)



Coolant level

The level **when cold** should be between the MIN and MAX marks on the expansion bottle **1**.

Top this level up **when cold** before it reaches the MIN mark.



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

Danger of burns.

Checking intervals

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

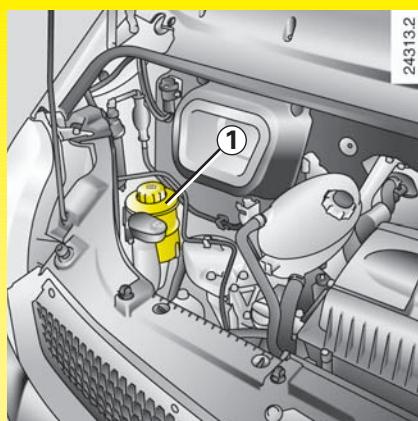
If topping up is required, only use products approved by RENAULT's Technical Department:

- anti-freeze protection;
- anti-corrosion protection of the cooling system.

Replacement interval

Refer to the servicing booklet for your vehicle.

LEVELS (continued)

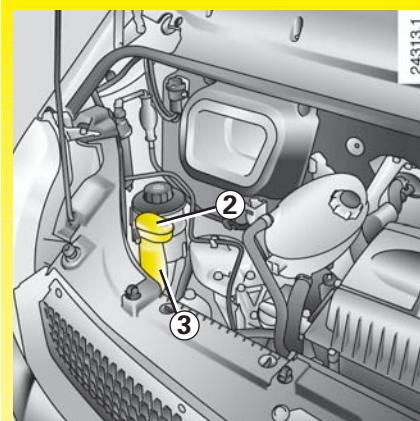


Power assisted steering pump

Frequency of changing: refer to the servicing booklet for your vehicle.

Level: the correct level when cold should be visible between the **Min** and **Max** levels marked on reservoir **1**.

For topping up or refilling with oil, use products approved by RENAULT's Technical Department.



Screen washer reservoir **3**

Refilling: via cap **2**

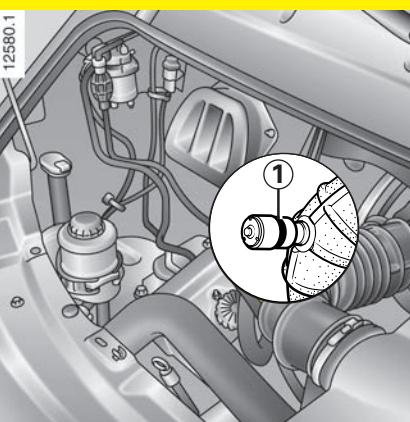
Liquid: water + washer fluid (anti-freeze product in winter) approved by RENAULT Technical services.



Note: on certain vehicles, to find out the fluid level, use the "cap-pipette". To do this, plug hole **4** (in the cap) and remove the cap.

Contact your RENAULT Dealer at once if you notice an abnormal or repeated drop in any of the fluid levels.

FILTERS



The filter elements (air filter, diesel filter, etc.) should be replaced during the maintenance operations carried out on your vehicle.

Frequency for replacing filter elements: refer to the servicing booklet for your vehicle.

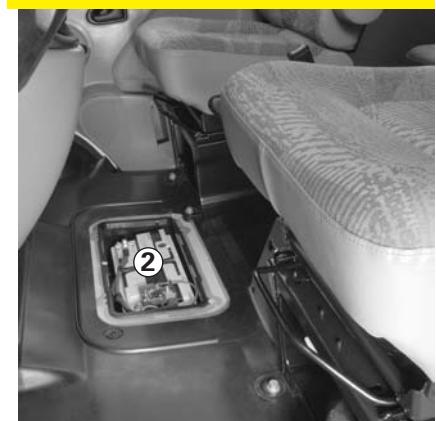
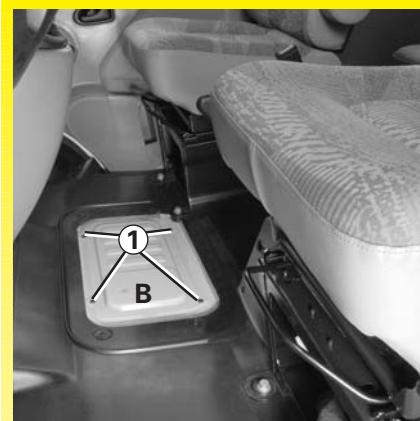
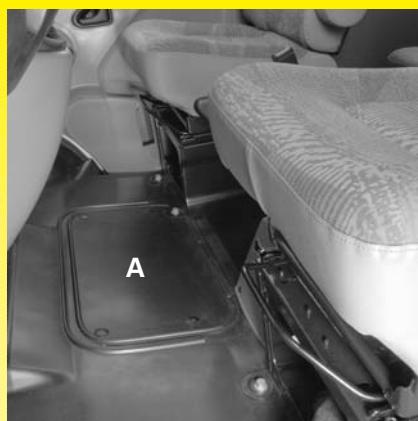
If warning light **1** (if fitted) turns red, it indicates that the air filter is clogged.

Consult your RENAULT Dealer as soon as possible.



Take care when working under the bonnet as the engine cooling fan may start to operate at any moment.

BATTERY



Battery 2

It is located under the front carpet on the left-hand side.

- Lift carpet A;
- Remove the four bolts 1 and take off cover B.

It does not need to be serviced: never attempt to open it.

When replacing the battery, take care to correctly reposition the cables in their original positions, screw the cover back on and replace the carpet.



Take care when moving the battery since it contains sulphuric acid which must not come into contact with the eyes or skin. If it does, wash the affected area with plenty of cold water.

Ensure naked flames, red-hot objects and sparks do not come into contact with the battery as there is a risk of explosion.

BODYWORK MAINTENANCE

Protection against the effects of corrosive agents

Although your vehicle has been treated with very effective anti-corrosion products, it nevertheless remains subject to the effects of:

- **Corrosives in the atmosphere**

- atmospheric pollution (urban and industrial areas).
- saline atmosphere (near the sea, particularly in hot weather),
- seasonal and damp climatic conditions, (e.g.: road salt in winter, water from road cleaners, etc.).

- **Abrasives**

wind-carried dust and sand, mud, road chippings thrown up by other vehicles.

- **Minor impacts**

You should take a number of minor precautions in order to safeguard your vehicle against such risks and not to lose the benefit of your vehicle's anti-corrosion protection.

You should not

- Wash the vehicle in bright sunlight or freezing temperatures.
- Scrape off mud or dirt without pre-wetting.
- Allow dirt to accumulate.
- Allow rust to form following minor impacts.
- Use solvents not approved by RENAULT's Technical Department to remove spots as this could damage the paintwork.
- Drive frequently in snow or muddy conditions without periodically washing the vehicle, particularly under the wheel arches and body.

- Degrease or clean the mechanical components (engine compartment, etc.), body underside, parts with hinges (fuel filler flap, inside of filler flap, sunroof, etc.) and painted external plastic fittings (bumpers, etc.) using high-pressure or spray cleaning equipment products not approved by our technical services. If adequate precautions are not taken, this could give rise to corrosion or operational faults.

BODYWORK MAINTENANCE (continued)

You should

- Wash your car frequently with cleaning products recommended by RENAULT (never use abrasive products) and be sure to rinse the wheel arches and underneath the body to eliminate:
 - spots of tree resin and industrial grime,
 - **bird droppings**, which contain chemicals that **rapidly discolour paintwork and may even cause the paint to peel off**:
The vehicle **must be** washed immediately to remove these marks since it is impossible to remove them by polishing.
 - salt deposited in the wheel arches and the underside of the body after driving in areas where the roads are chemically treated,
 - mud in the wheel arches and the underside of the body which forms damp patches.

- Keep well away from the vehicle in front when driving on gravelled surfaces to prevent paint damage.
- Repair, or have repaired quickly patches where the paint has been damaged to prevent corrosion spreading.
- Remember to visit the body shop periodically in order to maintain your RENAULT anti-corrosion warranty. Refer to the Servicing booklet.
- Observe local laws regarding washing vehicles (do not wash your vehicle on a public road).

We have selected special products to care for your vehicle and you can obtain these from RENAULT accessory outlets.

INTERIOR TRIM MAINTENANCE

Do

Whatever type of stain is on the trim, use soapy water (if necessary, with warm water) based on:

- natural soap,
- washing up liquid (with one part washing up liquid to 200 parts water).

Rinse off with a soft, damp cloth.

Special instructions

• Instrumentation glass

(instrument panel, clock, external temperature display, radio display, etc.).

Use a soft cloth (or cotton wool).

If this does not clean it properly, use a soft cloth or cotton wool slightly moistened with soapy water and then wipe clean with a soft damp cloth.

Finally, **carefully** dry off with a soft dry cloth.

Cleaning products containing alcohol must not be used under any circumstances.

• Seat belts

These must be kept clean.

Use products selected by RENAULT's Technical Department (RENAULT accessory outlets) or warm soapy water and a sponge and dry off with a dry cloth.

Do not use cleaning agents or dyes.

Do not

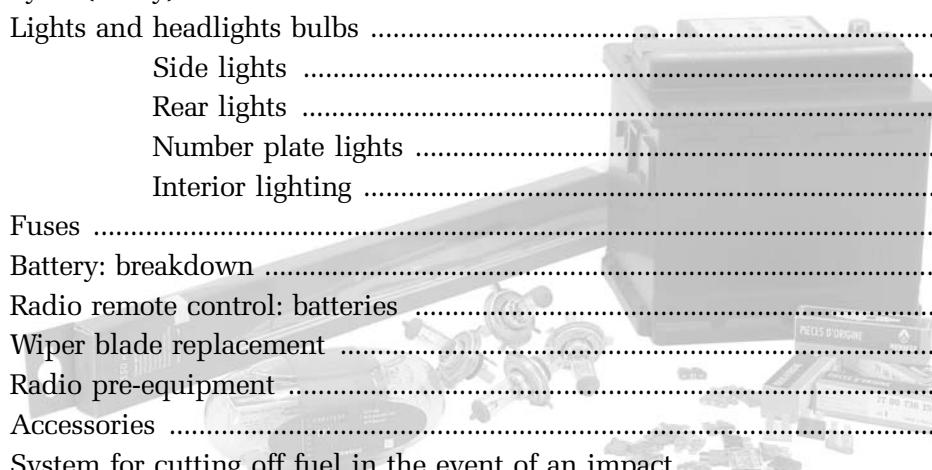
You are strongly recommended not to use high-pressure or atomising cleaning equipment inside the passenger compartment: unless carefully used, such equipment could interfere with the operation of the electrical or electronic components in the vehicle, amongst other effects.

You are strongly advised not to position objects near air vents such as deodorants, scents, etc. which could damage your dashboard trims.

We have selected special products to care for your vehicle and you can obtain these from RENAULT accessory outlets.

Section 5: Practical advice

Emergency spare wheel	5.02 - 5.03
Tool kit / Hubcaps	5.04 - 5.05
Changing a wheel	5.06
Tyres (safety)	5.07 ➔ 5.09
Lights and headlights bulbs	5.10 - 5.11
Side lights	5.11
Rear lights	5.12 ➔ 5.15
Number plate lights	5.14 - 5.15
Interior lighting	5.16 - 5.17
Fuses	5.18 ➔ 5.20
Battery: breakdown	5.21 ➔ 5.24
Radio remote control: batteries	5.25
Wiper blade replacement	5.26
Radio pre-equipment	5.27
Accessories	5.28
System for cutting off fuel in the event of an impact	5.29
Towing	5.30 - 5.31
Operating faults	5.32 ➔ 5.37



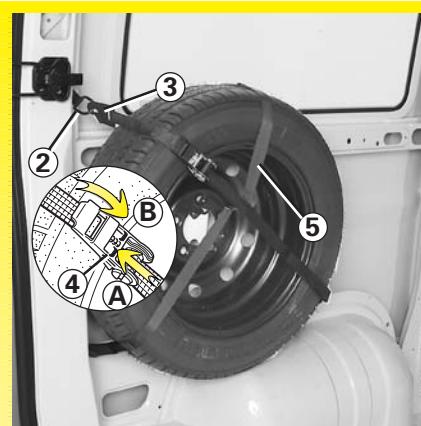
EMERGENCY SPARE WHEEL



In the rear load area

With handle 1

To remove it, unscrew handle 1.

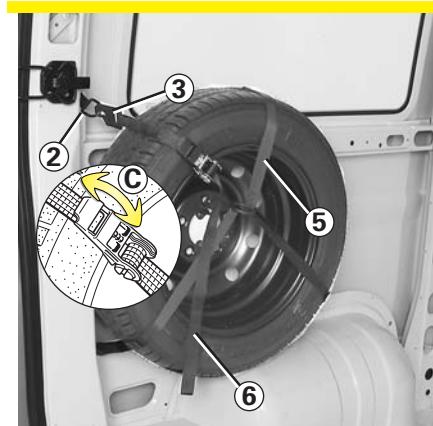


With strap 5

To remove it

Press the rods 4 on the buckle (action A) and pull the buckle (action B) to release the strap.

Release hook 3 from the retaining ring 2.



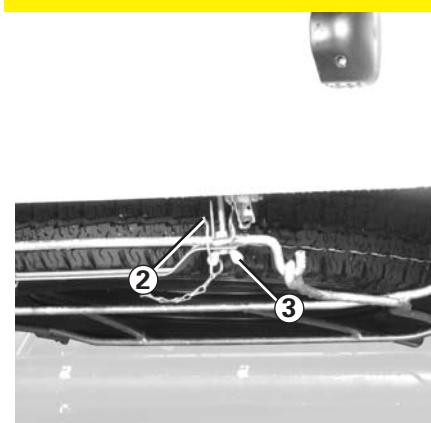
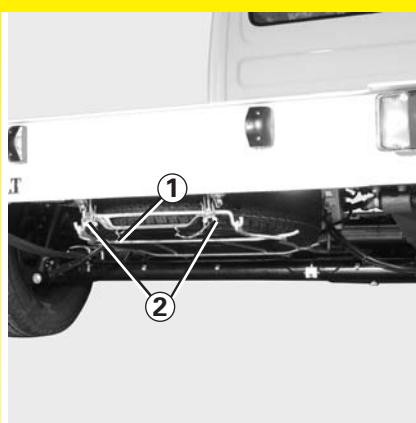
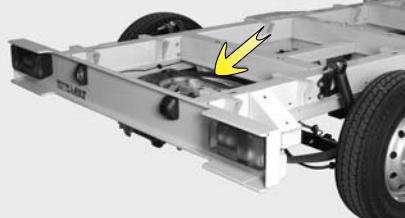
To refit it

Attach hook 3 to retaining ring 2.

Pull the free wire 6 on the strap.

Finally, tighten the strap as firmly as possible by pulling on the buckle (action C).

EMERGENCY SPARE WHEEL (continued)



Under the rear chassis

To remove it, take out pins 2, then unscrew bolts 3 to free bar 1 and the emergency spare wheel.

To replace it, ensure that the emergency spare wheel carrier is in the correct position on bar 1, screw in bolts 2 as far as they can go. Finally, you **must** replace pins 3.

In the event of a puncture at the rear when the vehicle chassis is under load, you must lift the vehicle (at the jacking point nearest the affected tyre) to reach the emergency spare wheel.



If the emergency spare wheel has been stored for several years, have it checked by your Dealer to ensure that it is safe to use.

TOOL KIT

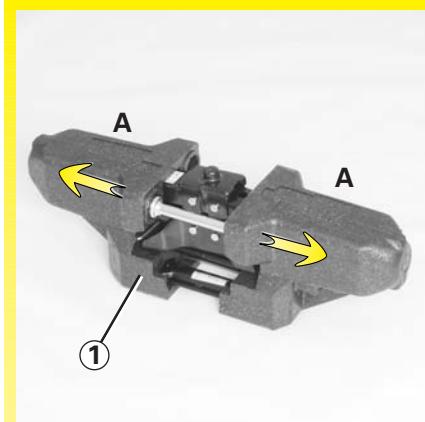


The tools are located under the driver's seat.

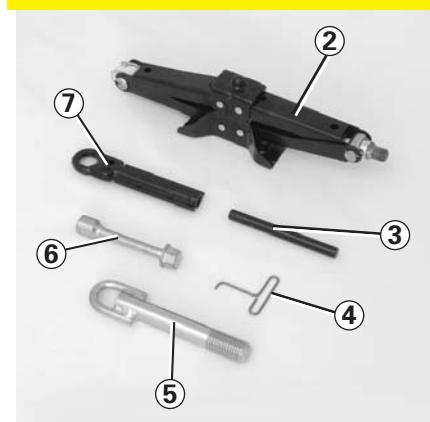
To take them out, turn tool kit 1 to remove it.



Nothing should be placed around the driver's feet, as such objects may slide under the pedals during sudden braking manoeuvres and obstruct its use.



Release both end pieces A from the assembly to access the tools.



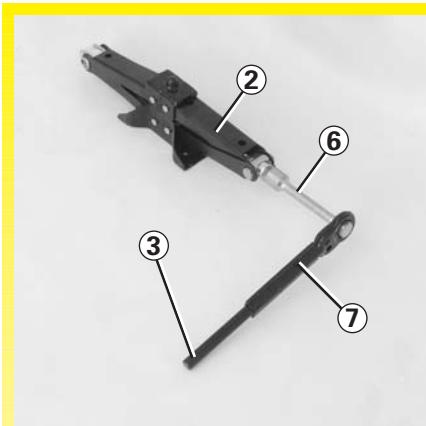
- jack 2,
- pin 3,
- hubcap spanner 4,
- towing ring 5,
- end piece 6,
- ratchet spanner 7.



The jack is designed for wheel changing purposes only. Under no circumstances should it be used for carrying out repairs or to gain access under the vehicle.

TOOL KIT (continued)

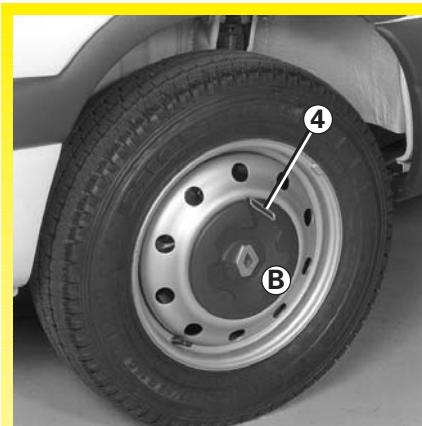
WHEEL TRIM



Jack assembly



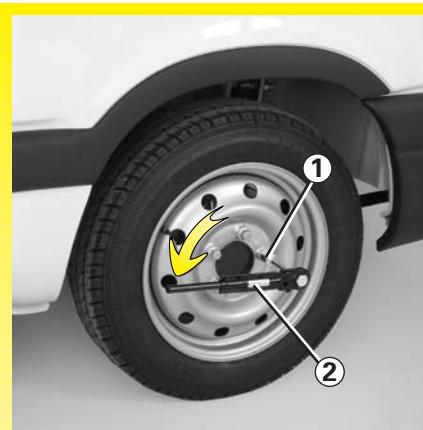
When storing the tools, check that end pieces *A* are replaced in their original positions (refer to the drawings engraved on the end pieces), and always store kit **1** beneath the seat. Do not leave the tools unsecured as they may come loose under braking.



Hubcap *B*

Unclip this using the hubcap spanner **4** (found in the tool kit).

CHANGING A WHEEL



Park the vehicle on firm, level ground which is not slippery (e.g. avoid tiled flooring, etc.). If necessary, place a plank under the jack for support. Switch on the hazard warning lights.

Apply the handbrake and engage a gear (first or reverse).

Ask all the passengers to leave the vehicle and keep them away from the traffic.



Loosen the wheel bolts slightly by fitting ratchet spanner **2** so that you press downwards, rather than pull upwards.

Check the tightening/loosening direction of the ratchet spanner: reverse the spanner if it does not work.

Insert the jack horizontally, the jack head pin should line up with hole **3** in the lower part of the bodywork nearest to the wheel concerned.

Crank up the jack by hand at first to align the base plate (which should be inclined further inwards than the jack head). Place a plank of wood under the base plate if on soft ground.

Insert socket **1** and raise the wheel off the ground.

Loosen the wheel bolts and remove the hubcap.

Take off the wheel.

Fit the emergency spare wheel onto the centre hub.

Position the hubcap, tighten the bolts and lower the jack.

With the wheels on the ground, tighten the bolts as fully as possible and check the tightness as soon as possible (tightening torque: 172 Nm).



If you have a puncture, replace the wheel as soon as possible.

A tyre which has been punctured should always be inspected (and repaired if possible) by a specialist.

TYRES

Tyre and wheel safety

The tyres are the only contact between the vehicle and the road, so it is essential to keep them in good condition.

You must make sure that your tyres conform to local road regulations.



When they need to be replaced, only tyres of the same make, size, type and profile should be used.

Tyres fitted to the vehicle should either be identical to those fitted originally or conform to those recommended by your RENAULT Dealer.

When the tyre tread has been eroded to the level of the warning strips, **they become visible 2: it is then necessary to replace your tyres because the read rubber is no longer, 1.6 mm deep and this causes poor road holding on wet roads.**

A loaded vehicle, long journeys by motorway, particularly in very hot weather, or continual driving on poorly surfaced minor roads will lead to more rapid tyre wear and affect safety.

Maintaining the tyres

The tyres must be in good condition and the tread form must have sufficient depth; tyres approved by RENAULT's Technical Department have wear warning strips **1** in the form of **indicators moulded into the tread at several points**.



Incidents which occur when driving, such as striking the kerb, may damage the tyres and wheel rims, and could also lead to misalignment of the front or rear axle geometry. If such incidents occur, have the condition of these parts checked by a RENAULT Dealer.

TYRES (continued)

Tyre pressures

Tyre pressures must be adhered to. (including the spare wheel) they must be checked at least once a month and always before a long journey (refer to the section on tyre pressures at the beginning of this document).



Incorrect tyre pressures lead to abnormal tyre wear and unusually hot running, factors which may seriously affect safety and lead to:

- poor roadholding;
- risk of blow-outs or of throwing a tread at high speed.

The tyre pressure depends on the load and speed of use, adjust the pressures according to the conditions of use (refer to the section on tyre pressures at the beginning of the handbook).

Pressures should be checked when the tyres are cold; ignore higher pressures which may be reached in warm weather or following a fast journey.

If tyre pressures cannot be checked when the tyres are **cold**, assume an increase of **0.2** to **0.3** bar.

Never deflate a hot tyre.

Note: a label (depending on country or model) fixed to the edge or frame of the driver's door gives the recommended tyre pressures.

Fitting new tyres



For safety reasons, this operation must be carried out by a specialist.

Fitting different tyres may change your vehicle as follows:

- It may mean that your vehicle no longer conforms to current regulations.
- It may change the way it handles when cornering.
- It may cause the steering to be heavy.
- It may cause tyre noise.
- It may affect the use of snow "hains.

Changing wheels around

This practice is not recommended.

Emergency spare wheel

Refer to the information on the emergency spare wheel and instructions on how to change a wheel in Section 5.

TYRES (continued)

Use in winter

- **Snow chains**

For safety reasons, fitting snow chains to the rear axle is strictly forbidden.

Chains must not be fitted to tyres which are larger than those originally fitted to the vehicle.



Chains may only be fitted to tyres of the same size as those originally fitted to **your vehicle**.

Only certain chains can be fitted to tyres. Contact your RENAULT Dealer.

- **Snow or winter tyres**

We would recommend that these be fitted to all **four wheels** to ensure that your vehicle retains maximum road holding.

Note: we would point out that these tyres may sometimes have:

- a driving direction;
- a maximum speed index which may be lower than the maximum speed of your vehicle.

- **Studded tyres**

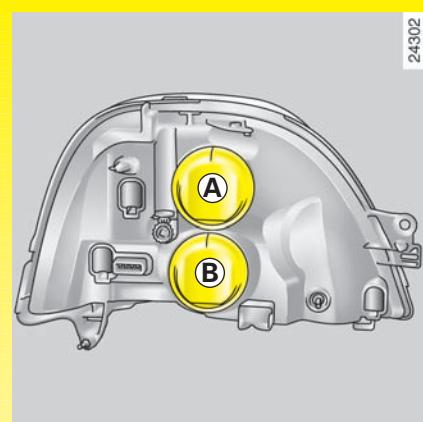
This type of equipment may only be used for a limited period and as laid down by local legislation.

It is necessary to observe the speed specified by current legislation.

These tyres may be fitted to the two front wheels as a minimum.

In all cases, we would recommend that you consult your RENAULT Dealer who will be able to advise you on the most suitable choice of equipment for your vehicle.

HEADLIGHTS: changing the bulbs



24302

Main beam headlights **A** and dipped beam headlights **B**

Unclip covers **A** and **B** by turning them 90 degrees.

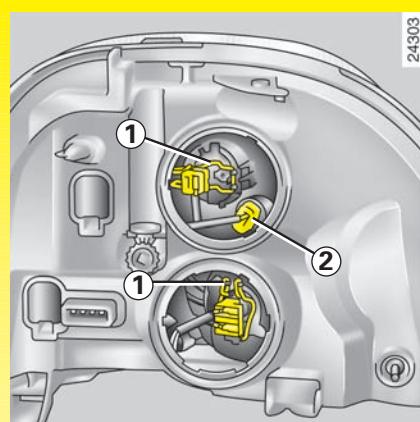
Release springs **1** and take out the bulb.

Remove the connector from the bulb.

Type of bulb: **A** → H1
B → H7

Do not touch the bulb glass. Hold it by its base.

Replace the bulb, replace the spring and the connector and check that covers **A** and **B** are correctly clipped.



24303

Front side lights

Unclip cover **A** by turning it 90 degrees.

Remove bulb holder **2** to access the bulb.

Type of bulb: W 5 W.

Replace the bulb, replace bulb holder **2** and check that cover **A** is correctly clipped.



The bulbs are under pressure and can break when replaced. Risk of injury.



Direction indicators

Pull spring **3** to remove direction indicator assembly **5**.

Remove assembly **5** from outside the vehicle.

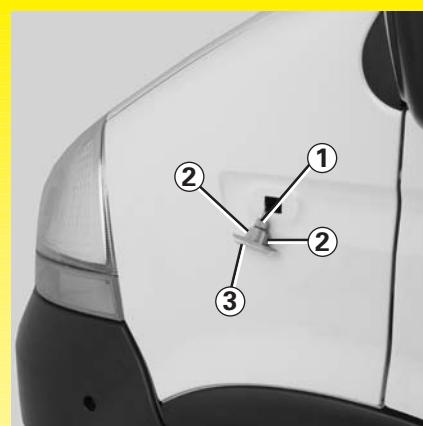
Turn bulb holder **4** 90 degrees and take out the bulb.

Type of bulb: pear-shaped bayonet with 21 W filaments



Take care when working under the bonnet as the engine cooling fan may start to operate at any moment.

SIDE LIGHTS: changing bulbs / ADDITIONAL DRIVING LIGHTS



Side mounted indicators

Unclip side mounted indicator 3 (using a tool such as a flat-blade screwdriver) in slots 2.

Turn the bulb holder 1 by 90 degrees and remove the bulb.

**Bulb type depending on vehicle:
WY 5 W or P21 W.**

Additional lights

Consult a RENAULT Dealer if you wish to fit fog lights to your vehicle.



Any operation on (or modification to) the electrical system must be performed by a RENAULT Dealer since incorrect connections could damage the electrical equipment (wiring, components, in particular the alternator). In addition, your Dealer has available all the parts necessary for fitting electrical components.

REAR LIGHTS, VAN VERSION: changing bulbs

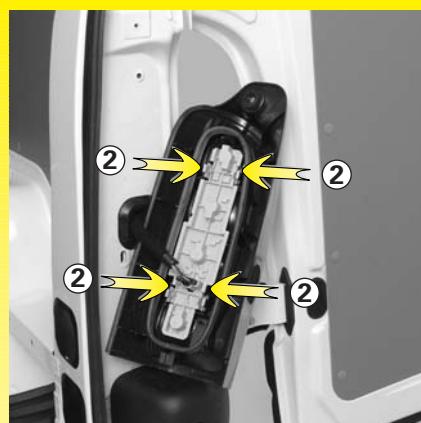


Rear lights

Remove screw 1 to take out the rear lights unit A.



The bulbs are under pressure and can break when replaced. Risk of injury.



Unclip the bulb holder using tabs 2.



3 Side light and brake light

Pear-shaped bulb, bayonet type with P 21/5 W 2 filaments.

4 Direction indicator light

Orange pear-shaped bayonet type bulb with PY 21 W filaments.

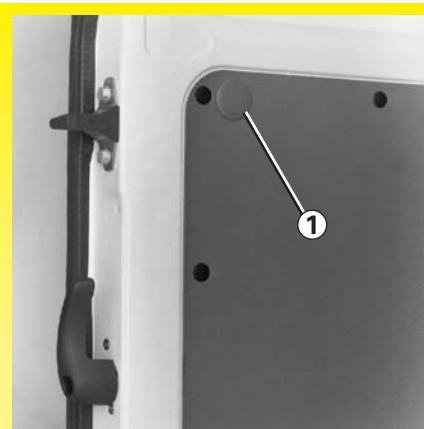
5 Reversing light

Pear-shaped bulb, bayonet type P 21 W.

6 Fog light (or nothing)

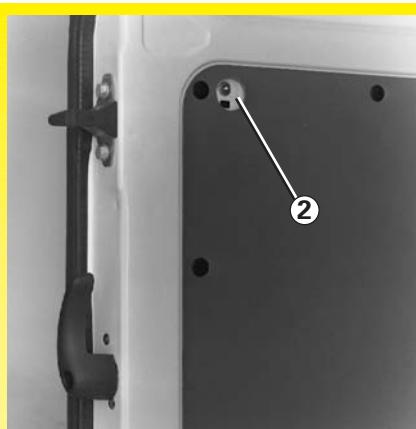
Pear-shaped bulb, bayonet type P 21 W.

REAR LIGHTS, VAN VERSION: changing bulbs (continued)

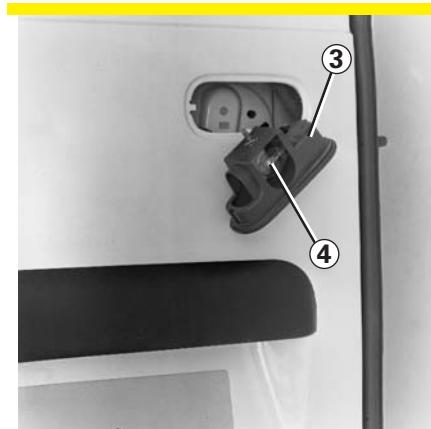


Raised brake light

Remove cover 1.



Remove nut 2.



Remove unit 3 from the outside to gain access to bulb 4.

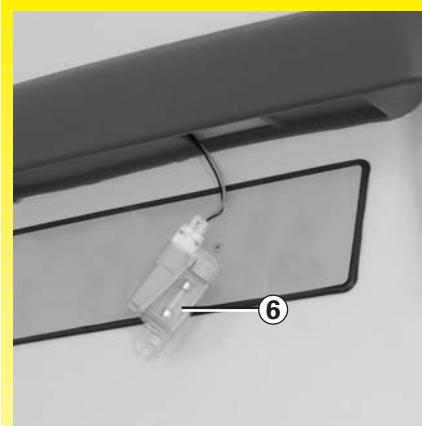
Bulb type: pear-shaped bayonet bulb with P 21 W filaments.

REAR LIGHTS, VAN VERSION: changing bulbs (continued)



Number plate lights

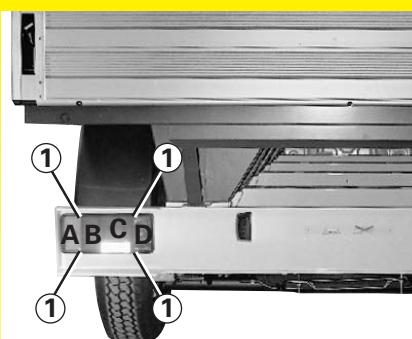
Unclip light **5** or **6** (using a flat-blade screwdriver tool to access the bulb).



Remove the light cover to gain access to bulb **6**.

Bulb type: C 5 W.

REAR LIGHTS, CHASSIS CABIN MODEL: changing bulbs



Rear lights

Remove the four bolts 1.

A Direction indicator light

Pear-shaped bulb, bayonet type P 21 W.

B Brake light

Pear-shaped bulb, bayonet type P 21 W.

C Side light

Pear-shaped bulb, bayonet type R 5 W.

D Rear fog light or reversing light

Pear-shaped bulb, bayonet type P 21 W.



Number plate lights

Remove bolt 2 to access the bulb.

Bulb R 10 W.



The bulbs are under pressure and can break when replaced. Risk of injury.

INTERIOR LIGHTING: replacing the bulbs



Courtesy lights A or B

Unclip the cover of the courtesy light in question (using a tool such as a flat-blade screwdriver).

Release the bulb.



Bulb type 1 or 2: double-ended tubular bulb 10 W.

Bulb type 3: W 5 W.



Central interior light

Unclip cover 4 (using a tool such as a flat-blade screwdriver).

Release the bulb.

Bulb type: double-ended tubular bulb 10 W.

INTERIOR LIGHTING: replacing the bulbs (continued)

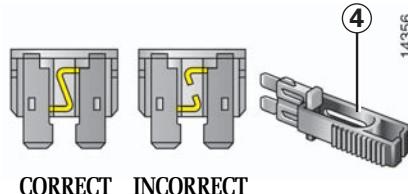


Rear lights

Unclip light 5, 6 or 7 using a flat-blade screwdriver to access the bulb.

Bulb type: C 5 W.

FUSES



14356

Fuse box 2

If an electrical component fails to operate, check that the fuses are sound before making further investigations.

Open cover A by turning buttons 1 90 degrees.

To identify the fuses, refer to label 3 (shown on the page opposite).

It is not advisable to use the free fuse locations.



Check the fuse in question and **replace it**, if necessary, by a **fuse of the same rating**.

If you fit an over-rated fuse, it may cause the electrical circuit to overheat (risk of fire) in the event of an item of equipment drawing an excessive current.

Use tweezers to remove fuse 4.

To remove the fuse from the tweezers, slide the fuse to the side.

In accordance with local legislation or as a precautionary measure:

Obtain a box of spare bulbs and fuses from your RENAULT Dealer.

FUSES (continued)

Allocation of fuses (the presence of fuses depends on the vehicle equipment level)

Symbol	Allocation	Symbol	Allocation	Symbol	Allocation
	Air conditioning/heating.		Brake lights/reversing lights.		Heater fan.
	Engine immobiliser.		Front fog light.		Air suspension.
	Heated seats.		Instrument panel/Airbag/Tachograph.		Consumer cut-out.
	Electric windows.		Courtesy light/Instrument panel/Tachograph.		Electric door locking.
	Left-hand main beam headlight.		Rear fog light.		Right-hand side lights/number plate light/instrument panel.
	Right-hand main beam headlight.		Horn.		Right-hand dipped beam headlight.
			Left-hand side light/number plate light/radio.		Left-hand dipped beam headlight.

FUSES (continued)

Allocation of fuses (the presence of fuses depends on the vehicle equipment level)

Symbol	Allocation	Symbol	Allocation	Symbol	Allocation
	Anti-lock braking.		Heated door mirrors.		Side light.
	Left-hand heated rear screen.		Not used.		Cruise control/ Heated rear screen/ Headlight beam adjustment
	Right-hand heated rear screen.		Accessories socket.		
	Windscreen wiper.		Radio.		
	Hazard warning lights.		Windscreen washer.		
	UCH.		Diesel fuel heater.		
	Cigarette lighter.		Navigation system/Radio.		

BATTERY: breakdown

Connection / Disconnection

- When you are connecting the battery, connect the positive terminal first, then the negative.
- When you are disconnecting the battery, disconnect the negative terminal first, then the positive terminal.
- When connecting the terminals, take care to reposition them properly.

To avoid all risk of sparks:

- Ensure that any consumers are switched off before disconnecting or reconnecting the battery.
- When charging, stop the charger before connecting or disconnecting the battery.
- Do not place metal objects on the battery to avoid creating a short circuit between the terminals.

Connecting a battery charger

With the engine switched off, it is essential to disconnect the wires connected to both battery terminals, **starting with the negative terminal**.

Do not disconnect the battery when the engine is running. **Follow the manufacturer's instructions for the battery charger you are using.**

Only a well-charged and well-maintained battery will have a long and useful life and enable you to start the vehicle's engine normally.

The battery must be kept clean and dry.

Have the battery's charge status checked regularly:

- Especially if you use your vehicle for short journeys or for frequent driving in town.
- When the external temperature drops (in winter), **the charge decreases**. In winter, only use electrical equipment which is really necessary.

- Finally, you should understand that the charge decreases naturally as a result of certain permanent consumers such as the clock, after-sales accessories,etc.



Handle the battery with care as it contains sulphuric acid which must not come into contact with the eyes or skin. If it does, wash the affected area with plenty of cold water.

Ensure that naked flames, red-hot objects and sparks do not come into contact with the battery as there is a risk of explosion.

BATTERY: breakdown (continued)

Connecting a battery charger (continued)

When a large number of accessories are fitted to the vehicle, have them connected to **+ after ignition feed**. In this case, it is advisable to have your vehicle fitted with a battery which has an increased capacity. Contact your RENAULT Dealer.

If your vehicle is to be left stationary for a relatively long time, disconnect the battery or have it recharged regularly, in particular during cold weather. The equipment with a memory, radio and trip computer and warning system will then have to be reprogrammed. The battery must be stored in a cool dry place, protected from frost.



Specific procedures may be required to charge some batteries. Contact your RENAULT Dealer.

Avoid all risk of sparks which may cause an immediate explosion and charge the battery in a well-ventilated area. Risk of serious injury.

Starting the vehicle using the battery from another vehicle

If you have to start the vehicle from another vehicle battery, proceed as follows:

obtain the appropriate jump leads (large section) from a RENAULT Dealer, or if you already have jump leads, make sure they are in perfect condition.

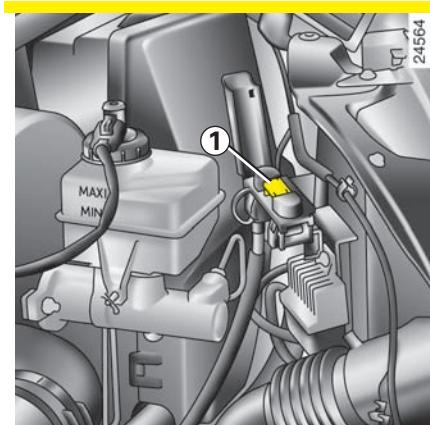
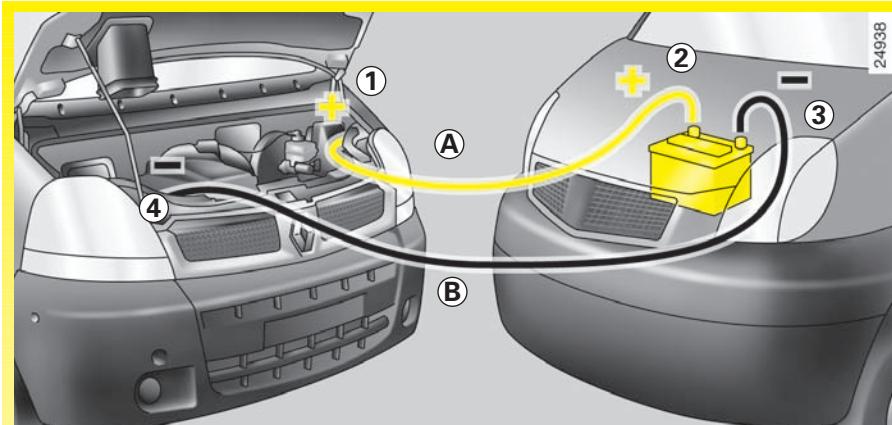
The two batteries must have an identical voltage: 12 volts.

The battery capacity (ampere-hour, Ah) supplying the current should be at least identical to the discharged battery.

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

Start the engine of the vehicle supplying the current and run it at an intermediate engine speed.

BATTERY: breakdown (continued)



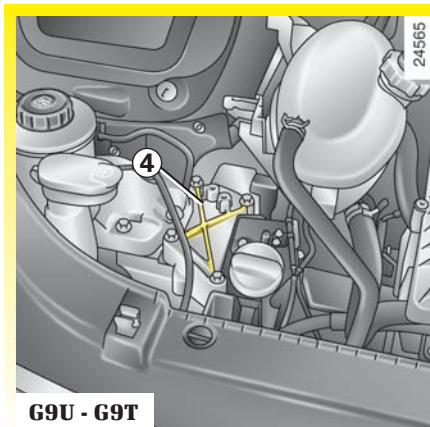
For vehicles fitted with bornier 1

Connect positive lead (+) **A** to bornier **1**, then to terminal (+) **2** of the donor battery.

Connect negative lead (-) **B** to terminal (-) **3** of the donor battery, then to earth connection (-) **4**.

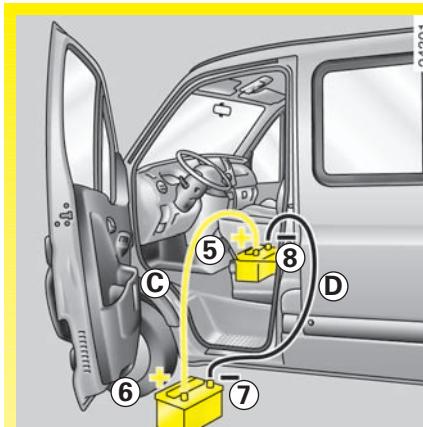
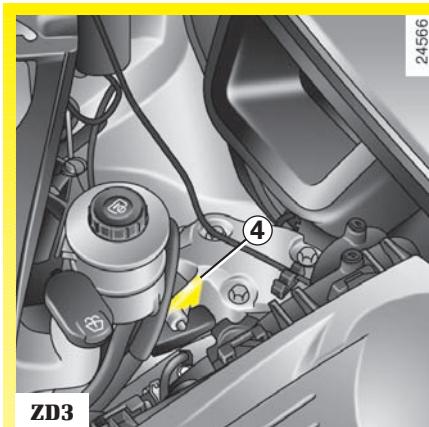
Check that there is no contact between leads **A** and **B** and that lead **A** (+) is not touching any metal parts on the vehicle supplying the current.

Start the engine as normal. As soon as it starts, disconnect leads **A** and **B** in reverse order (**4-3-2-1**).



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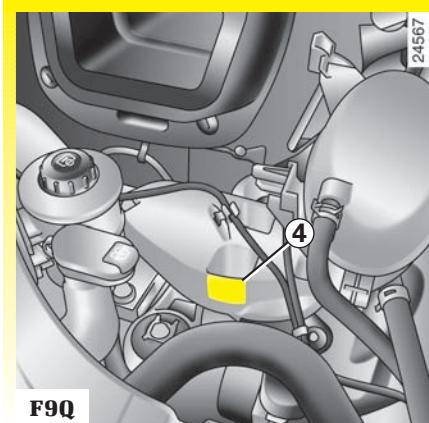
BATTERY: breakdown (continued)



For vehicles not fitted with a bornier

Connect positive lead (+) **C** to terminal (+) **5** of the discharged battery, then to terminal (+) **6** of the donor battery.

Connect negative lead (-) **D** to terminal (-) **7** of the donor battery then to terminal (-) **8** of the discharged battery.



Check that there is no contact between cables **C** and **D** and that cable **C**(+) is not touching any metal parts on the vehicle which is supplying the current.

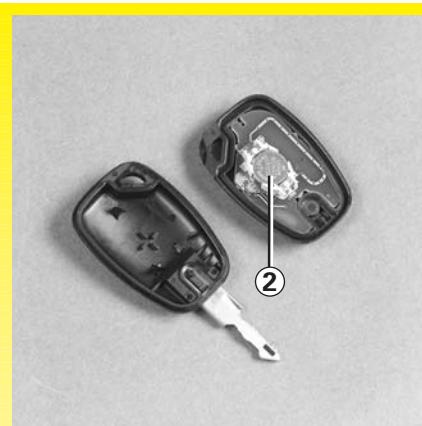
Start the engine as normal. As soon as it starts, disconnect cables **C** and **D** in reverse order **(8-7-6-5)**.

RADIO FREQUENCY REMOTE CONTROL: batteries



Replacing the batteries

Unclip the remote control unit cover **1** (using a tool such as a flat screwdriver).



Replace the battery **2** according to the direction marked on the cover.

Note: It is not advisable to touch the electronic circuit in the key cover when replacing the battery.

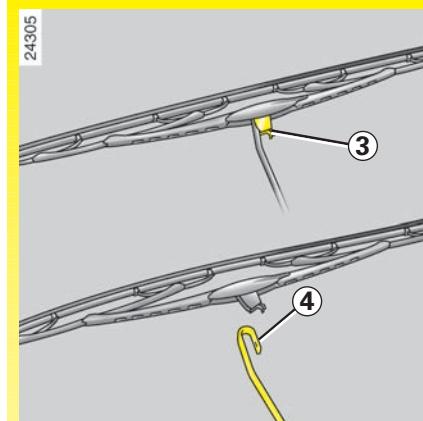
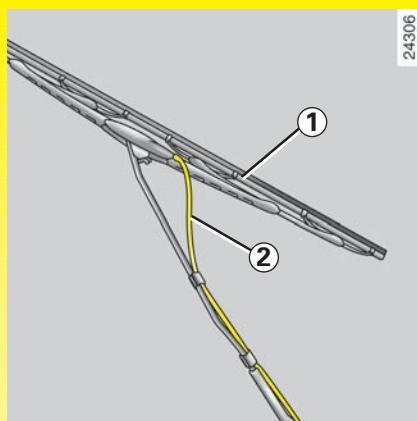


Do not throw away your used batteries, give them to an organisation responsible for collecting and recycling batteries.

Batteries can be obtained from your RENAULT Dealer. These batteries should last about two years.

A delay of 1 second is required between locking and unlocking actions.

WINDSCREEN WIPER BLADES



Replacing the windscreen wiper blades 1

- Lift the wiper blade.
- Remove screen washer pipe 2.

- Tip the wiper blade until it is horizontal.
- Press tab 3 and slide the wiper blade towards you to release hook 4 on the wiper arm.
- Move the blade into a horizontal position and then push it to release.

Refitting a wiper blade

Refitting is the reverse of removal and ensure the hook and the tab are correctly secured.

Remember to clip screen washer pipe 2 back into place.



- In frosty weather, make sure the wiper blades are not stuck by ice (risk of motor overheating).
- Check the condition of the wiper blades. Replace the wiper blades as soon as they begin to lose efficiency (approximately once a year).

RADIO PREEQUIPMENT



Radio location A

Unclip and remove the storage compartment, the aerial connections, the + and – feed wires, and the left and right speaker leads attached to the back of one of the storage compartments.



Front speakers

To access them, remove cover 1 (using a tool such as a flat screwdriver).



Rear speakers

Turn grille 2 90 degrees anti-clockwise to access the speaker wires.

- In all cases, follow the manufacturer's fitting instructions carefully.
- The specifications of the mountings and wiring (available as RENAULT parts accessories) vary depending on the equipment level of your vehicle and the type of radio.

Contact your RENAULT Dealer to find out the correct reference number.

ACCESSORIES



Using telephones and CB equipment.

Telephones and CB equipment with integrated aerials may cause interference to the original electronic systems fitted to the vehicle: it is advisable only to use equipment with an external aerial.

Furthermore, we remind you of the need to conform to the legislation in force concerning the use of such equipment.



Fitting after-market accessories

To ensure the correct operation of your vehicle, and to avoid any risk to your safety, we recommend that you use RENAULT approved accessories because they are designed for your vehicle and are the only accessories for which RENAULT will provide a warranty.

Electrical and electronic accessories

- Any work on the electrical circuit of the vehicle must be carried out by RENAULT network engineers: if the system is connected incorrectly, it may result in damage being caused to the electrical equipment and/or the units connected to it.
- If the vehicle is fitted with any after-market electrical equipment, make sure that the unit is correctly protected by a fuse. Establish the rating and position of this fuse.

SYSTEM FOR CUTTING OFF FUEL SUPPLY IN THE EVENT OF A SEVERE IMPACT

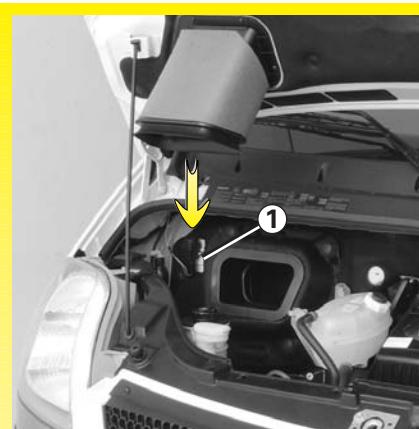
Your vehicle is equipped with a system for cutting off the fuel supply in the event of a severe impact.

This system is intended to disable and thus isolate the fuel supply system if a severe impact occurs.



Following an impact, the system can be reinitialised, but only after it has been inspected by a qualified person from the RENAULT Network who must ensure that:

- the vehicle is fit to be driven;
- there are no fuel odours;
- the fuel system is not leaking.



Enabling the system

If the conditions for restarting the fuel supply system are met (see enclosed), press button **1** to enable the system.

TOWING: breakdown

The steering wheel must be unlocked and the ignition key must be in position M (ignition on) to provide brake lights and direction indicators on the towed vehicle. At night the vehicle must have its lights on.

Unhitch the trailer, etc., if one is being towed.

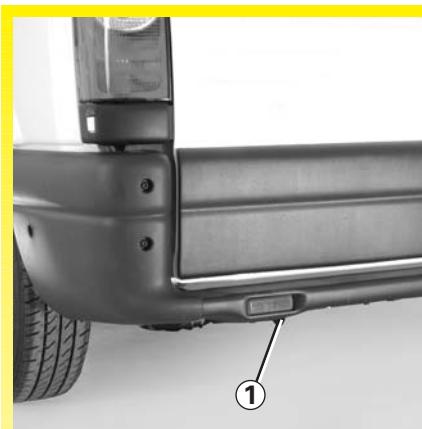
You must observe the towing regulations which apply in the country in which you are driving; do not exceed the towing weight for your vehicle. Contact your RENAULT Dealer.

Only use:

- **Towing point 1 at the rear.**
- **Towing ring 4** (stored with the tools 2) **and towing point 3** at the front.

(Never use the drive shafts.)

These towing points may only be used for pulling the vehicle, never for lifting it either directly or indirectly.

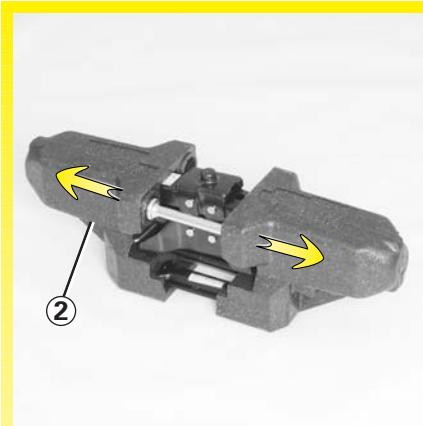


Rear towing point 1



- RENAULT specifies the use of a rigid towing bar. If a rope or cable is used (where the law allows this), the vehicle being towed must be able to brake.
- A vehicle must not be towed if it is not fit to be driven.
- Do not accelerate or brake suddenly when towing, as this may result in damage to the vehicle.
- When towing a vehicle, do not exceed **15 mph (25 km/h)**.

TOWING: breakdown (continued)



Front towing point 4

How to access the towing ring 3:
Swivel the tool unit 2 until it can be taken out.



First screw in the towing ring 3 by hand as far as it will go. Then finish tightening it using the wheel brace from the tool kit.



When storing the tools, ensure that they are correctly replaced in unit 2 in their original position and store the unit under the driver's seat. Do not leave the tools unsecured as they may come loose under braking.



When the engine is stopped, steering and braking assistance are not operational.

OPERATING FAULTS

The following advice will enable you to carry out quick, albeit temporary repairs. For safety reasons you should always contact a RENAULT Dealer as soon as you can.

When starter is activated	CAUSES	REMEDIAL ACTION
• There is no response, the indicator lights fail to light up and the starter does not turn.	Battery lead disconnected or terminals oxidised. Discharged battery. Battery unserviceable.	Check battery terminals: scrape and clean if oxidised and re-tighten. Connect another battery to the faulty battery. Replace battery.
• Warning light bulbs go dim and starter turns very slowly.	Battery terminals not tight. Battery terminals corroded. Discharged battery.	Check battery terminals: scrape and clean if oxidised and re-tighten. Connect another battery to the faulty battery.
• The fuel level indicator blocks flash.	The fuel gauge is disconnected.	Contact a RENAULT Dealer.

FAULTS (continued)

When starter is activated

CAUSES

REMEDIAL ACTION

• The engine splutters but does start or starts with difficulty when cold.	Engine immobiliser is active Incorrect starting procedure. or Poor fuel supply or ignition fault. Fuel supply cut-off system activated if vehicle has been subjected to severe impact.	Refer to the Engine Immobiliser section. Refer to the section on Starting the engine. If the vehicle will not start, do not keep trying to start it. Contact a RENAULT Dealer. Contact a RENAULT Dealer. (See information on the fuel cut-off system in section 5.)
• Vibrations.	Tyres not inflated to correct pressures, incorrectly balanced or damaged.	Check tyre pressures. If this is not the problem, have them checked by a RENAULT Dealer.
• Coolant boiling in the expansion bottle.	Mechanical fault: cylinder head gasket blown, faulty coolant pump. Engine cooling fan not working.	Stop the engine. Contact a RENAULT Dealer. Check appropriate fuse, otherwise contact a RENAULT Dealer.

FAULTS (continued)

On the open road

CAUSES

REMEDIAL ACTION

• Abnormal white smoke from the exhaust.	Mechanical fault: damaged cylinder head gasket.	Stop the engine. Contact a RENAULT Dealer.
• Smoke under the bonnet.	Short circuit. Coolant circuit fault.	Stop, turn the ignition off, disconnect the battery. Contact a RENAULT Dealer.
• The oil pressure warning light lights up - on a bend or under braking - at idle speed - does not go out immediately or stays lit when accelerating	The level is too low. Low oil pressure. Low oil pressure.	Top up the engine oil (refer to the information on the engine oil level in Section 4). Contact the nearest RENAULT Dealer. Stop: contact a RENAULT Dealer.
• The engine lacks power.	Clogged air filter. Fuel supply faulty.	Replace the cartridge. Check the fuel level.
• Unstable idle speed or the engine stalls.	Poor compression (air leak).	Contact a RENAULT Dealer.

FAULTS (continued)

On the open road

CAUSES

REMEDIAL ACTION

• Steering becomes heavy.	Belt broken. Insufficient oil in pump.	Have the belt replaced. Top up the power assisted steering fluid (see Power assisted steering pump level in Section 4). If the fault is still present, contact a RENAULT Dealer.
• The engine overheats. The coolant temperature warning light lights up.	Coolant pump: belt stretched or broken. Engine cooling fan not working.	Stop the vehicle and switch off the engine. Contact a RENAULT Dealer.
	Coolant leaks.	Check the condition of hoses and clips. Check the expansion bottle: it should contain coolant. If it does not, top it up (once it has cooled) . Take care not to scald yourself. This action is only temporary: contact your RENAULT Dealer as soon as possible.



Radiator: never fill a hot radiator with cold coolant if a considerable quantity has been lost. After any operation on the vehicle which has involved even partial draining of the cooling system, it must be refilled with a new mixture prepared in the correct proportions. Reminder: only products approved by RENAULT's Technical Department may be used for this purpose.

FAULTS (continued)

Electrical equipment

CAUSES

REMEDIAL ACTION

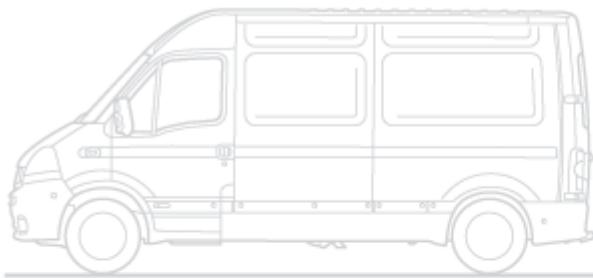
• The wipers do not work.	Wiper blades stuck. Fuse blown (intermittent, stop position). Motor faulty.	Free the blades before using the wipers. Replace them. Contact a RENAULT Dealer.
• Direction indicators flashing more quickly.	Blown bulb.	Replace the bulb.
• The indicator lights do not work.	On one side: - blown bulb, - supply wire disconnected or connector not correctly positioned, - faulty earth connection.	Replace the bulb. Reconnect it. Find the earth wire which is attached to a metallic part, scrape the end of the earth wire and reposition carefully.
	On both sides: - fuse blown, - faulty flasher sensor.	Replace the fuse. To replace, contact a RENAULT Dealer.

FAULTS (continued)

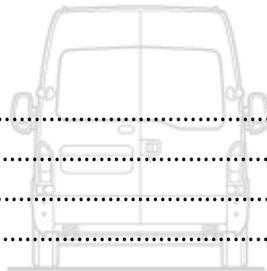
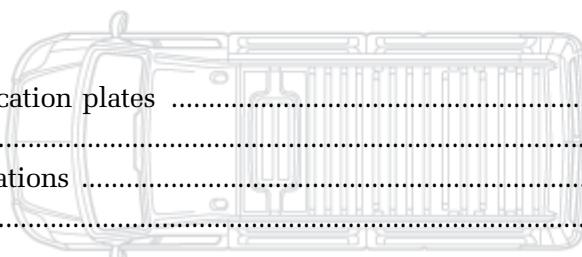
Electrical equipment

	CAUSES	REMEDIAL ACTION
• The headlights no longer operate.	One only: <ul style="list-style-type: none">- bulb blown,- wire disconnected or connector not correctly positioned,- faulty earth connection.	<p>Replace it.</p> <p>Check and reconnect the wire or connector.</p> <p>See above.</p>
	Both: <ul style="list-style-type: none">- If circuit is fused:	Check fuse and replace if necessary.
• Traces of condensation in the lights.	This is not a fault. The presence of traces of condensation in lights is a natural phenomenon linked to variations in temperature. These traces soon disappear when the lights are switched on.	

Section 6: Technical specifications

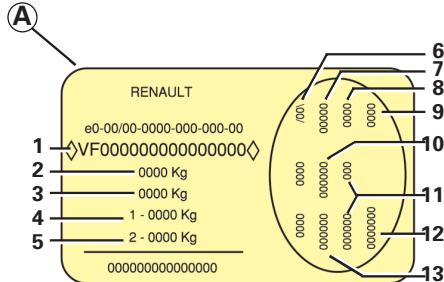
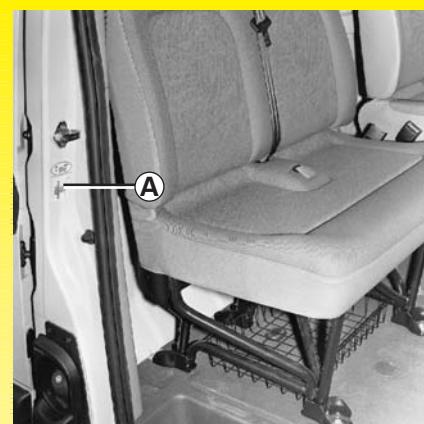


24098



Vehicle identification plates	6.02 - 6.03
Dimensions	6.04 ➔ 6.09
Engine specifications	6.10
Weights	6.11 ➔ 6.27
Towing weights	6.11 ➔ 6.27
Replacement parts	6.28

VEHICLE IDENTIFICATION PLATES

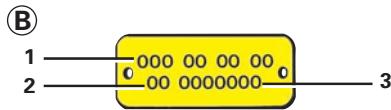


Quote the vehicle identification plate (right-hand side) and engine plate references when writing or ordering parts.

Vehicle identification plate A

- 1** Vehicle type and chassis number
- 2** Maximum permissible all-up weight
- 3** Maximum permissible total train weight (vehicle loaded and towing)
- 4** Front axle maximum permissible all-up weight
- 5** Rear axle maximum permissible all-up weight
- 6** Technical specifications of vehicle
- 7** Vehicle paint reference.
- 8** Equipment level
- 9** Vehicle type.
- 10** Trim code
- 11** Additional equipment details.
- 12** Fabrication number
- 13** Interior trim code

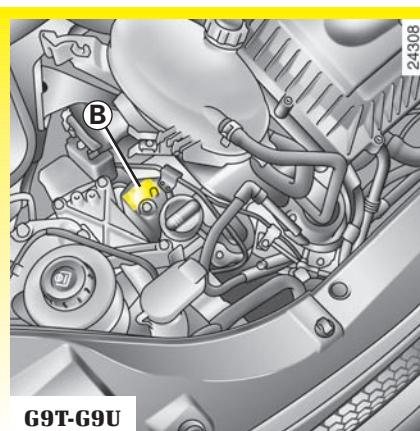
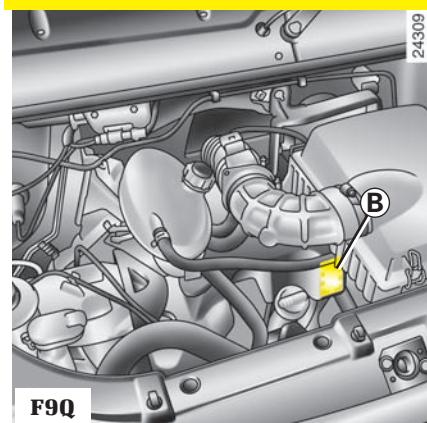
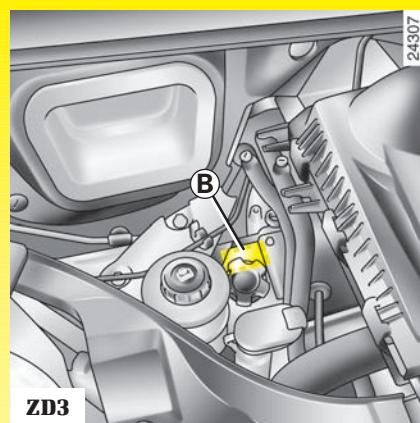
VEHICLE IDENTIFICATION PLATES (continued)



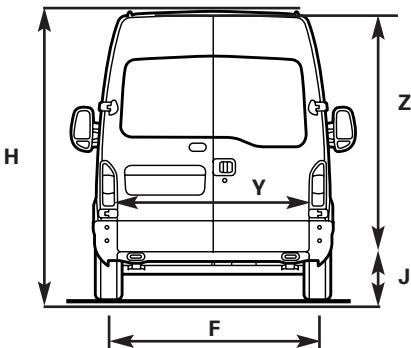
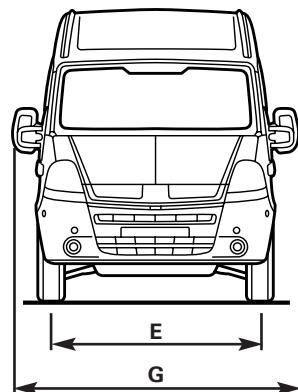
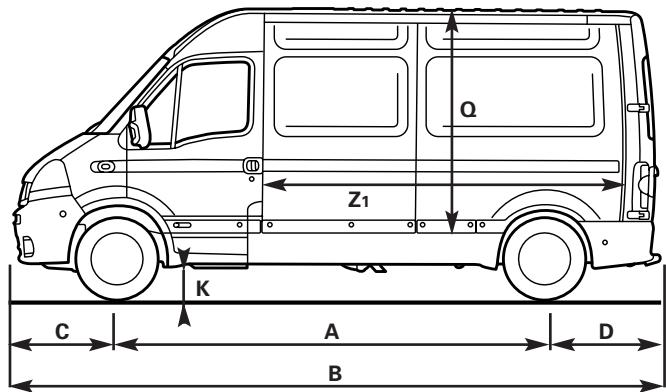
Quote the information on the vehicle identification plate and engine plate when writing or ordering parts.

Engine identification **B**

- 1 Engine type.
- 2 Engine suffix.
- 3 Engine number.



DIMENSIONS (in metres)



Turning circle

	Short wheelbase	Long wheelbase	Max. wheelbase
Between kerbs	12.07	13.75	15.20
Between walls	12.48	14.11	15.68

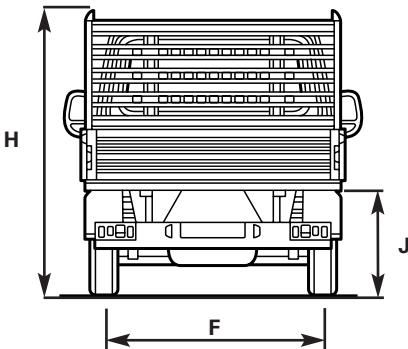
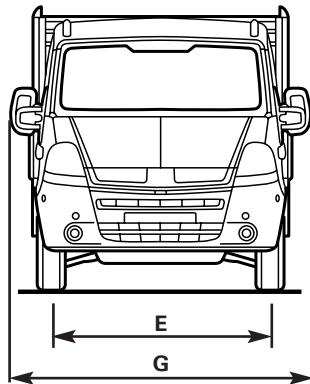
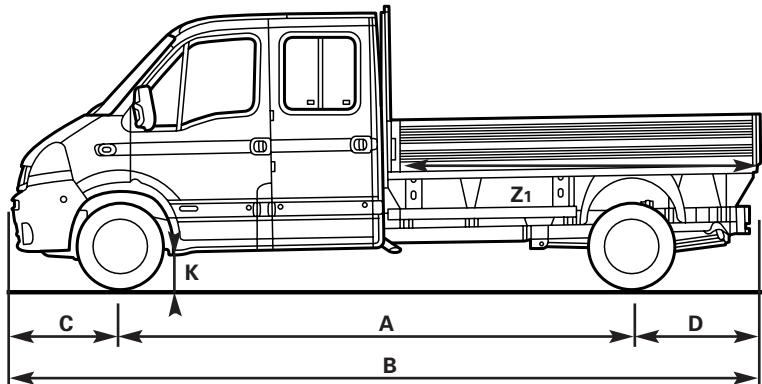
DIMENSIONS (in metres)

Complete vehicles without subsequent alterations

VAN	Short		Medium		Long	
	Low roof	Medium roof	Medium roof	Raised roof	Medium roof	Raised roof
A	3.078		3.578		4.078	
B	4.899		5.399		5.899	
C				0.862		
D				0.959		
E				1.740		
F				1.725		
G				2.359		
H	2.152 ➔ 2.496		2.408 ➔ 2.722		2.415 ➔ 2.720	
J	0.519 ➔ 0.545		0.532 ➔ 0.541		0.535 ➔ 0.538	
K				0.150 (1)		
Q	1.670	1.912		2.146	1.912	2.146
Y				1.515		
Z	1.632	1.874				
Z1	2.634		3.134		3.634	

(1) laden

DIMENSIONS (in metres)



24366

Turning circle

	Short wheelbase	Long wheelbase	Max. wheelbase
Between kerbs	12.07	13.75	15.20
Between walls	12.48	14.11	15.68

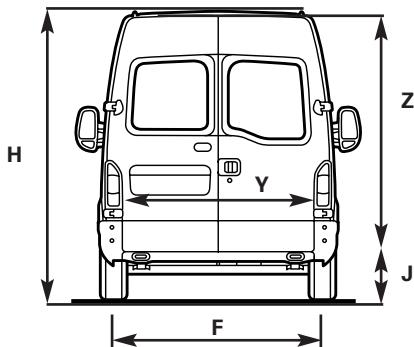
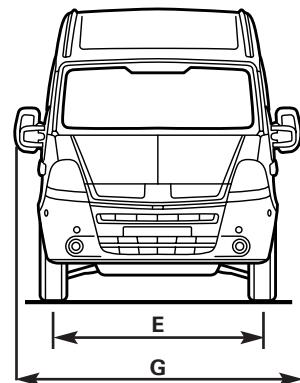
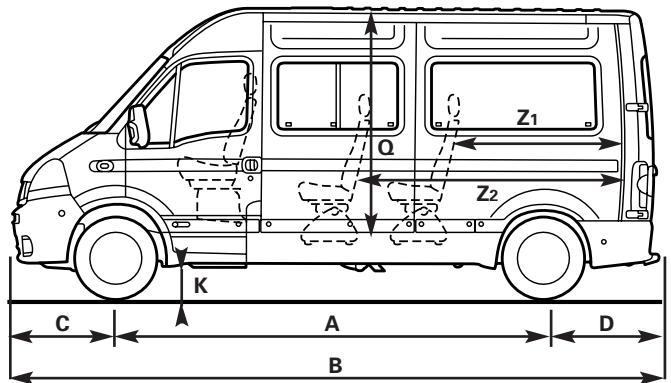
DIMENSIONS (in metres)

Complete vehicles without subsequent alterations

CAB BED	Single cab			Double cab	
	Short	Medium	Long	Medium	Long
A	3.078	3.578	4.078	3.578	4.078
B	4.974	5.474	5.994	5.494	5.994
C			0.862		
D	1.034			1.054	
E			1.740		
F			1.725		
G			2.359		
H			2.192 → 2.261		
J			0.986 → 1.029		
K			0.150 (1)		
Z1	2.640	3.140	3.660	2.410	2.910

(1) laden

DIMENSIONS (in metres)



Turning circle

	Short wheelbase	Long wheelbase	Max. wheelbase
Between kerbs	12.07	13.75	15.20
Between walls	12.48	14.11	15.68

DIMENSIONS (in metres)

Complete vehicles without subsequent alterations

COMBI	Short	Medium
A	3.078	3.578
B	4.899	5.399
C		0.862
D		0.959
E		1.740
F		1.725
G		2.359
H	2.152 ➔ 2.234	2.409 ➔ 2.496
J		0.511 ➔ 0.541
K		0.150 (1)
Q		—
Y		1.515
Z	1.622	1.874
Z1	1.145	1.645
Z2	1.891	2.391

(1) laden

ENGINE SPECIFICATIONS (versions marketed will depend on country)

Engine type (see engine plate)	F9Q	G9T	G9U	ZD3
Cubic capacity (cm³)	1 870	2 188	2 464	2 983
Injection	Diesel			
Type of fuel	Diesel			

WEIGHTS (in kgs) - Complete vehicles without subsequent alterations.

Basic vehicle without options, likely to change in the course of the model year: consult your RENAULT Dealer.

VAN	T28				T33													
Vehicle type (see vehicle identification plate)	FDAKD5	FDAJD5	FDAUD6 FDADV5	FDAWDH FDAMDH	FDBJD5	FDBJE5	FDBUD6 FDBVD5	FDBVE5 FDBUE6	FDBJH5									
Kerb weight	Total	1 757	1 791	1 799	1 806	1 794	1 822	1 802	1 830									
Excluding driver	Front	1 120	1 155	1 163	1 171	1 157	1 175	1 165	1 183									
	Rear	637	636	636	635	637	647	637	1 205									
Max. permissible axle weight	Front	1 550				1 750												
	Rear	1 600				1 900												
Max. permissible all-up weight	2 800				3 300													
Max. permissible towing weight unbraked	750																	
Maximum permissible towing weight braked* 12% gradient	2 000																	
Gross train weight (= Maximum permissible all-up weight and towing)	4 800				5 300													
Permissible load on towing hitch	80																	
Maximum permissible load on roof rack	200 (including the carrying device)																	

* **Towing weight: (towing a caravan, boat, etc.).**

- It is important to comply with the towing weights permitted by local legislation in each country and, in particular laid down in the Road Traffic Regulations. Consult your RENAULT Dealer about any adaptation of attachments. **Under no circumstances may the gross train weight (= maximum permissible all-up weight and weight towed) be exceeded.**
- If your vehicle is already at full load (max. permissible laden weight), the maximum speed must be limited to 60 mph (100 km/h) and the tyre pressure increased by 0.2 bar (hectopascals).
- The engine output and climbing capability are reduced with altitude. We recommend that the maximum load be reduced by 10% at an altitude of 1000 metres and by an additional 10% for each 1000 metres thereafter.

WEIGHTS (in kgs) - Complete vehicles without subsequent alterations.

Basic vehicle without options, likely to change in the course of the model year: consult your RENAULT Dealer.

VAN (continued)	T33						
Vehicle type (see vehicle identification plate)	FDBUH6 FDBVH5	FDBSD6	FDBSE6	FDBSH6	FDBWDH FDBMDH	FDBWEH FDBMEH	FDBWHH FDBMHH
Kerb weight	Total	1 871	1 842	1 870	1 911	1 810	1 838
Excluding driver	Front	1 213	1 218	1 236	1 264	1 173	1 192
	Rear	658	624	634	647	637	646
Max. permissible axle weight	Front			1 750			
	Rear			1 900			
Max. permissible all-up weight				3 300			
Max. permissible towing weight unbraked				750			
Maximum permissible towing weight braked* 12% gradient				2 000			
Gross train weight (= Maximum permissible all-up weight and towing)				5 300			
Permissible load on towing hitch				80			
Maximum permissible load on roof rack				200	(including the carrying device)		

* **Towing weight: (towing a caravan, boat, etc.).**

- It is important to comply with the towing weights permitted by local legislation in each country and, in particular laid down in the Road Traffic Regulations. Consult your RENAULT Dealer about any adaptation of attachments. **Under no circumstances may the gross train weight (= maximum permissible all-up weight and weight towed) be exceeded.**
- If your vehicle is already at full load (max. permissible laden weight), the maximum speed must be limited to 60 mph (100 km/h) and the tyre pressure increased by 0.2 bar (hectopascals).
- The engine output and climbing capability are reduced with altitude. We recommend that the maximum load be reduced by 10% at an altitude of 1000 metres and by an additional 10% for each 1000 metres thereafter.

WEIGHTS (in kgs) - Complete vehicles without subsequent alterations.

Basic vehicle without options, likely to change in the course of the model year: consult your RENAULT Dealer.

VAN (continued)		T35							
Vehicle type (see vehicle identification plate)		FDCUM6 FDCVM5	FDCJD5	FDCJE5	FDCUD6 FDCVD5	FDCUE6 FDCVE5	FDCSE6	FDCJH5	FDCUH6 FDCVH5
Kerb weight	Total	1 949	1 802	1 829	1 809	1 837	1 876	1 870	1 879
Excluding driver	Front	1 266	1 161	1 179	1 169	1 187	1 239	1 209	1 218
	Rear	683	641	650	640	650	637	661	661
Max. permissible axle weight	Front				1 850				
	Rear				2 060				
Max. permissible all-up weight					3 500				
Max. permissible towing weight unbraked					750				
Maximum permissible towing weight braked* 12% gradient					2 000				
Gross train weight (= Maximum permissible all-up weight and towing)					5 500				
Permissible load on towing hitch					80				
Maximum permissible load on roof rack	Prohibited				200 (including the carrying device)				

*** Towing weight: (towing a caravan, boat, etc.).**

- It is important to comply with the towing weights permitted by local legislation in each country and, in particular laid down in the Road Traffic Regulations. Consult your RENAULT Dealer about any adaptation of attachments. **Under no circumstances may the gross train weight (= maximum permissible all-up weight and weight towed) be exceeded.**
- If your vehicle is already at full load (max. permissible laden weight), the maximum speed must be limited to 60 mph (100 km/h) and the tyre pressure increased by 0.2 bar (hectopascals).
- The engine output and climbing capability are reduced with altitude. We recommend that the maximum load be reduced by 10% at an altitude of 1000 metres and by an additional 10% for each 1000 metres thereafter.

WEIGHTS (in kgs) - Complete vehicles without subsequent alterations.

Basic vehicle without options, likely to change in the course of the model year: consult your RENAULT Dealer.

VAN (continued)		T35							
Vehicle type (see vehicle identification plate)		FDCJL5	FDCUL6 FDCVL5	FDCJJ5	FDCUJ6 FDCVJ5	FDCJM5	FDCSD6	FDCSH6	FDCSL6
Kerb weight	Total	1 914	1 921	1 894	1 902	1 940	1 848	1 917	1 960
Excluding driver	Front	1 240	1 248	1 224	1 233	1 257	1 221	1 267	1 296
	Rear	674	673	670	669	683	627	650	664
Max. permissible axle weight	Front				1 850				
	Rear				2 060				
Max. permissible all-up weight					3 500				
Max. permissible towing weight unbraked					750				
Maximum permissible towing weight braked* 12% gradient					2 000				
Gross train weight (= Maximum permissible all-up weight and towing)					5 500				
Permissible load on towing hitch					80				
Maximum permissible load on roof rack	200 (including the carrying device)			Prohibited		200 (including the carrying device)			

*** Towing weight: (towing a caravan, boat, etc.).**

- It is important to comply with the towing weights permitted by local legislation in each country and, in particular laid down in the Road Traffic Regulations. Consult your RENAULT Dealer about any adaptation of attachments. **Under no circumstances may the gross train weight (= maximum permissible all-up weight and weight towed) be exceeded.**
- If your vehicle is already at full load (max. permissible laden weight), the maximum speed must be limited to 60 mph (100 km/h) and the tyre pressure increased by 0.2 bar (hectopascals).
- The engine output and climbing capability are reduced with altitude. We recommend that the maximum load be reduced by 10% at an altitude of 1000 metres and by an additional 10% for each 1000 metres thereafter.

WEIGHTS (in kgs) - Complete vehicles without subsequent alterations.

Basic vehicle without options, likely to change in the course of the model year: consult your RENAULT Dealer.

VAN (continued)		T35							
Vehicle type (see vehicle identification plate)		FDCSJ6	FDCSM6	FDCWDH FDCMDH	FDCWEH FDCMEH	FDCWHH FDCMH	FDCWLH FDCMLH	FDCWJH FDCMJH	FDCWMH FDCMMH
Kerb weight	Total	1 941	1 987	1 817	1 846	1 887	1 929	1 910	1 949
Excluding driver	Front	1 283	1 314	1 177	1 196	1 226	1 256	1 241	1 266
	Rear	658	673	640	650	661	673	669	683
Max. permissible axle weight	Front	1 850	1 870			1 850			
	Rear	2 060	2 060			2 060			
Max. permissible all-up weight					3 500				
Max. permissible towing weight unbraked					750				
Maximum permissible towing weight braked* 12% gradient					2 000				
Gross train weight (= Maximum permissible all-up weight and towing)					5 500				
Permissible load on towing hitch					80				
Maximum permissible load on roof rack		Prohibited			200 (including the carrying device)			Prohibited	

*** Towing weight: (towing a caravan, boat, etc.).**

- It is important to comply with the towing weights permitted by local legislation in each country and, in particular laid down in the Road Traffic Regulations. Consult your RENAULT Dealer about any adaptation of attachments. **Under no circumstances may the gross train weight (= maximum permissible all-up weight and weight towed) be exceeded.**
- If your vehicle is already at full load (max. permissible laden weight), the maximum speed must be limited to 60 mph (100 km/h) and the tyre pressure increased by 0.2 bar (hectopascals).
- The engine output and climbing capability are reduced with altitude. We recommend that the maximum load be reduced by 10% at an altitude of 1000 metres and by an additional 10% for each 1000 metres thereafter.

WEIGHTS (in kgs) - Complete vehicles without subsequent alterations.

Basic vehicle without options, likely to change in the course of the model year: consult your RENAULT Dealer.

VAN (continued)	T3510							
Vehicle type (see vehicle identification plate)	FDRUD6 FDRVDS5	FDRWDH FDRMDH	FDRUH6 FDRVH5	FDRWHH FDRMH5	FDRSH6	FDRUJ6 FDRVJ5	FDRWJH FDRMJH	
Kerb weight	Total	1 809	1 817	1 879	1 887	1 917	1 902	1 910
Excluding driver	Front	1 169	1 177	1 218	1 226	1 267	1 233	1 241
	Rear	640	640	661	650	650	669	669
Max. permissible axle weight	Front			1 850				
	Rear			2 060				
Max. permissible all-up weight				3 510				
Max. permissible towing weight unbraked				750				
Maximum permissible towing weight braked* 12% gradient				2 000				
Gross train weight (= Maximum permissible all-up weight and towing)				5 510				
Permissible load on towing hitch				80				
Maximum permissible load on roof rack			200 (including the carrying device)			Prohibited		

*** Towing weight: (towing a caravan, boat, etc.).**

- It is important to comply with the towing weights permitted by local legislation in each country and, in particular laid down in the Road Traffic Regulations. Consult your RENAULT Dealer about any adaptation of attachments. **Under no circumstances may the gross train weight (= maximum permissible all-up weight and weight towed) be exceeded.**
- If your vehicle is already at full load (max. permissible laden weight), the maximum speed must be limited to 60 mph (100 km/h) and the tyre pressure increased by 0.2 bar (hectopascals).
- The engine output and climbing capability are reduced with altitude. We recommend that the maximum load be reduced by 10% at an altitude of 1000 metres and by an additional 10% for each 1000 metres thereafter.

WEIGHTS (in kgs) - Complete vehicles without subsequent alterations.

Basic vehicle without options, likely to change in the course of the model year: consult your RENAULT Dealer.

VAN (continued)	T3510						
Vehicle type (see vehicle identification plate)	FDRSM6 FDRMMH	FDRWMH FDRVM5	FDRUM6	FDRSJ6	FDRWLH FDRMLH	FDRUL6 FDRVLS5	FDRSL6
Kerb weight	Total	1 987	1 957	1 949	1 941	1 929	1 921
Excluding driver	Front	1 314	1 274	1 266	1 283	1 256	1 248
	Rear	673	683	683	658	673	673
Max. permissible axle weight	Front		1 870		1 850		1 870
	Rear		2 060		2 060		2 060
Max. permissible all-up weight				3 510			
Max. permissible towing weight unbraked					750		
Maximum permissible towing weight braked*						2 000	
12% gradient							
Gross train weight (= Maximum permissible all-up weight and towing)				5 510			
Permissible load on towing hitch				80			
Maximum permissible load on roof rack			Prohibited			200	(including the carrying device)

* **Towing weight: (towing a caravan, boat, etc.).**

- It is important to comply with the towing weights permitted by local legislation in each country and, in particular laid down in the Road Traffic Regulations. Consult your RENAULT Dealer about any adaptation of attachments. **Under no circumstances may the gross train weight (= maximum permissible all-up weight and weight towed) be exceeded.**
- If your vehicle is already at full load (max. permissible laden weight), the maximum speed must be limited to 60 mph (100 km/h) and the tyre pressure increased by 0.2 bar (hectopascals).
- The engine output and climbing capability are reduced with altitude. We recommend that the maximum load be reduced by 10% at an altitude of 1000 metres and by an additional 10% for each 1000 metres thereafter.

WEIGHTS (in kgs) - Complete vehicles without subsequent alterations.

Basic vehicle without options, likely to change in the course of the model year: consult your RENAULT Dealer.

Open transport of goods SINGLE CABIN	T28			T35		
Vehicle type (see vehicle identification plate)	UDAJD5	UDAUD6 UDAVD5	UDAWDH	UDCJG5	UDCUG6 UDCVG5	
Kerb weight	Total	1 876	1 884	1 892	1 904	1 913
Excluding driver	Front	1 245	1 253	1 261	1 286	1 295
	Rear	631	631	631	618	618
Max. permissible axle weight	Front		1 550		1 850	
	Rear		1 650		2 060	
Max. permissible all-up weight		2 800			3 500	
Max. permissible towing weight unbraked		750				
Maximum permissible towing weight braked*	12% gradient			2 000		
Gross train weight (= Maximum permissible all-up weight and towing)		4 800			5 500	
Permissible load on towing hitch		80				

*** Towing weight: (towing a caravan, boat, etc.).**

- It is important to comply with the towing weights permitted by local legislation in each country and, in particular laid down in the Road Traffic Regulations. Consult your RENAULT Dealer about any adaptation of attachments. **Under no circumstances may the gross train weight (= maximum permissible all-up weight and weight towed) be exceeded.**
- If your vehicle is already at full load (max. permissible laden weight), the maximum speed must be limited to 60 mph (100 km/h) and the tyre pressure increased by 0.2 bar (hectopascals).
- The engine output and climbing capability are reduced with altitude. We recommend that the maximum load be reduced by 10% at an altitude of 1000 metres and by an additional 10% for each 1000 metres thereafter.

WEIGHTS (in kgs) - Complete vehicles without subsequent alterations.
Basic vehicle without options, likely to change in the course of the model year: consult your RENAULT Dealer.

Open transport of goods SINGLE CABIN (continued)	T35					
Vehicle type (see vehicle identification plate)	UDCSG6	UDCJK5	UDCUK6 UDCVK5	UDCSK6	UDCWGH UDCMGH	UDCWKH UDCMKH
Kerb weight Excluding driver	Total Front Rear	1 951 1 345 606	1 950 1 314 636	1 957 1 322 635	1 996 1 370 626	1 920 1 303 617
Max. permissible axle weight	Front Rear		1 850 2 060		1 870 2 060	
Max. permissible all-up weight				3 500		
Max. permissible towing weight unbraked					750	
Maximum permissible towing weight braked* 12% gradient					2 000	
Gross train weight (= Maximum permissible all-up weight and towing)					5 500	
Permissible load on towing hitch				80		

* **Towing weight: (towing a caravan, boat, etc.).**

- It is important to comply with the towing weights permitted by local legislation in each country and, in particular laid down in the Road Traffic Regulations. Consult your RENAULT Dealer about any adaptation of attachments. **Under no circumstances may the gross train weight (= maximum permissible all-up weight and weight towed) be exceeded.**
- If your vehicle is already at full load (max. permissible laden weight), the maximum speed must be limited to 60 mph (100 km/h) and the tyre pressure increased by 0.2 bar (hectopascals).
- The engine output and climbing capability are reduced with altitude. We recommend that the maximum load be reduced by 10% at an altitude of 1000 metres and by an additional 10% for each 1000 metres thereafter.

WEIGHTS (in kgs) - Complete vehicles without subsequent alterations.
Basic vehicle without options, likely to change in the course of the model year: consult your RENAULT Dealer.

Open transport of goods DOUBLE CABIN	T28			T35	
Vehicle type (see vehicle identification plate)	HDAJG5	HDAWGH HDAMGH	HDAUG6 HDAVG5	HDCJG5	HDCUG6 HDCVG5
Kerb weight Excluding driver	Total Front Rear	2 018 1 357 661	2 031 1 371 660	2 026 1 365 661	2 034 1 359 675
Max. permissible axle weight	Front Rear		1 750 1 700		1 850 2 060
Max. permissible all-up weight			2 800		3 500
Max. permissible towing weight unbraked				750	
Maximum permissible towing weight braked* 12% gradient				2 000	
Gross train weight (= Maximum permissible all-up weight and towing)			4 800		5 500
Permissible load on towing hitch				80	

* **Towing weight: (towing a caravan, boat, etc.).**

- It is important to comply with the towing weights permitted by local legislation in each country and, in particular laid down in the Road Traffic Regulations. Consult your RENAULT Dealer about any adaptation of attachments. **Under no circumstances may the gross train weight (= maximum permissible all-up weight and weight towed) be exceeded.**
- If your vehicle is already at full load (max. permissible laden weight), the maximum speed must be limited to 60 mph (100 km/h) and the tyre pressure increased by 0.2 bar (hectopascals).
- The engine output and climbing capability are reduced with altitude. We recommend that the maximum load be reduced by 10% at an altitude of 1000 metres and by an additional 10% for each 1000 metres thereafter.

WEIGHTS (in kgs) - Complete vehicles without subsequent alterations.

Basic vehicle without options, likely to change in the course of the model year: consult your RENAULT Dealer.

Open transport of goods DOUBLE CABIN (continued)	T35					
Vehicle type (see vehicle identification plate)	HDCSG6	HDCJK5	HDCUK6 HDCVK5	HDCSK6	HDCWGH HDCMGH	HDCWKH HDCMKH
Kerb weight	Total	2 080	2 066	2 074	2 089	2 049
Excluding driver	Front	1 417	1 355	1 363	1 394	1 375
	Rear	663	711	711	695	674
Max. permissible axle weight	Front		1 850	1 870		1 850
	Rear		2 060	2 060		2 060
Max. permissible all-up weight				3 500		
Max. permissible towing weight unbraked				750		
Maximum permissible towing weight braked*				2 000		
12% gradient						
Gross train weight (= Maximum permissible all-up weight and towing)				5 500		
Permissible load on towing hitch				80		

*** Towing weight: (towing a caravan, boat, etc.).**

- It is important to comply with the towing weights permitted by local legislation in each country and, in particular laid down in the Road Traffic Regulations. Consult your RENAULT Dealer about any adaptation of attachments. **Under no circumstances may the gross train weight (= maximum permissible all-up weight and weight towed) be exceeded.**
- If your vehicle is already at full load (max. permissible laden weight), the maximum speed must be limited to 60 mph (100 km/h) and the tyre pressure increased by 0.2 bar (hectopascals).
- The engine output and climbing capability are reduced with altitude. We recommend that the maximum load be reduced by 10% at an altitude of 1000 metres and by an additional 10% for each 1000 metres thereafter.

WEIGHTS (in kgs) - Complete vehicles without subsequent alterations.

Basic vehicle without options, likely to change in the course of the model year: consult your RENAULT Dealer.

COMBI	T28								
Vehicle type (see vehicle identification plate)	JDUJD5	JDUMD6	JDEKD5	JDEJD5	JDEM6	JDSJD5	JDSMD6	JDSKD5	
Kerb weight	Total	1 828	1 835	1 796	1 841	1 850	1 891	1 900	1 851
Excluding driver	Front	1 118	1 126	1 085	1 127	1 136	1 161	1 170	1 118
	Rear	710	709	711	714	714	730	730	733
Max. permissible axle weight	Front				1 550				
	Rear				1 600				
Max. permissible all-up weight					2 800				
Max. permissible towing weight unbraked					750				
Maximum permissible towing weight braked*					2 000				
12% gradient									
Gross train weight (= Maximum permissible all-up weight and towing)					4 800				
Permissible load on towing hitch					80				
Maximum permissible load on roof rack					200 (including the carrying device)				

*** Towing weight: (towing a caravan, boat, etc.).**

- It is important to comply with the towing weights permitted by local legislation in each country and, in particular laid down in the Road Traffic Regulations. Consult your RENAULT Dealer about any adaptation of attachments. **Under no circumstances may the gross train weight (= maximum permissible all-up weight and weight towed) be exceeded.**
- If your vehicle is already at full load (max. permissible laden weight), the maximum speed must be limited to 60 mph (100 km/h) and the tyre pressure increased by 0.2 bar (hectopascals).
- The engine output and climbing capability are reduced with altitude. We recommend that the maximum load be reduced by 10% at an altitude of 1000 metres and by an additional 10% for each 1000 metres thereafter.

WEIGHTS (in kgs) - Complete vehicles without subsequent alterations.

Basic vehicle without options, likely to change in the course of the model year: consult your RENAULT Dealer.

COMBI (continued)		T28															
Vehicle type (see vehicle identification plate)		JDUJH5	JDUMH6	JDEMH6	JDUJH5	JDEJH5	JDSJH5	JDAKD5	JDSJD5								
Kerb weight	Total	1 906	1 914	1 928	1 906	1 920	1 967	1 865	1 891								
Excluding driver	Front	1 192	1 200	1 210	1 192	1 202	1 232	1 128	1 161								
	Rear	714	714	718	714	718	735	737	730								
Max. permissible axle weight	Front	1 750					1 550										
	Rear	1 800					1 600										
Max. permissible all-up weight	2 800																
Max. permissible towing weight unbraked	750																
Maximum permissible towing weight braked* 12% gradient	2 000																
Gross train weight (= Maximum permissible all-up weight and towing)	4 800																
Permissible load on towing hitch	80																
Maximum permissible load on roof rack	200 (including the carrying device)																

*** Towing weight: (towing a caravan, boat, etc.).**

- It is important to comply with the towing weights permitted by local legislation in each country and, in particular laid down in the Road Traffic Regulations. Consult your RENAULT Dealer about any adaptation of attachments. **Under no circumstances may the gross train weight (= maximum permissible all-up weight and weight towed) be exceeded.**
- If your vehicle is already at full load (max. permissible laden weight), the maximum speed must be limited to 60 mph (100 km/h) and the tyre pressure increased by 0.2 bar (hectopascals).
- The engine output and climbing capability are reduced with altitude. We recommend that the maximum load be reduced by 10% at an altitude of 1000 metres and by an additional 10% for each 1000 metres thereafter.

WEIGHTS (in kgs) - Complete vehicles without subsequent alterations.

Basic vehicle without options, likely to change in the course of the model year: consult your RENAULT Dealer.

COMBI (continued)	T28														
Vehicle type (see vehicle identification plate)	JDAJD5	JDAMD6	JDSMH6	JDAJH5	JDAMH6	JDSMD6	JDUKD5	JDEWDH JDEMDH							
Kerb weight	Total	1 906	1 913	1 975	1 981	1 989	1 900	1 782	1 878						
Excluding driver	Front	1 171	1 179	1 240	1 242	1 250	1 170	1 075	1 150						
	Rear	735	734	735	739	739	730	707	728						
Max. permissible axle weight	Front	1 550		1 750			1 550								
	Rear	1 600		1 800			1 600								
Max. permissible all-up weight	2 800														
Max. permissible towing weight unbraked	750														
Maximum permissible towing weight braked* 12% gradient	2 000														
Gross train weight (= Maximum permissible all-up weight and towing)	4 800														
Permissible load on towing hitch	80														
Maximum permissible load on roof rack	200 (including the carrying device)														

*** Towing weight: (towing a caravan, boat, etc.).**

- It is important to comply with the towing weights permitted by local legislation in each country and, in particular laid down in the Road Traffic Regulations. Consult your RENAULT Dealer about any adaptation of attachments. **Under no circumstances may the gross train weight (= maximum permissible all-up weight and weight towed) be exceeded.**
- If your vehicle is already at full load (max. permissible laden weight), the maximum speed must be limited to 60 mph (100 km/h) and the tyre pressure increased by 0.2 bar (hectopascals).
- The engine output and climbing capability are reduced with altitude. We recommend that the maximum load be reduced by 10% at an altitude of 1000 metres and by an additional 10% for each 1000 metres thereafter.

WEIGHTS (in kgs) - Complete vehicles without subsequent alterations.

Basic vehicle without options, likely to change in the course of the model year: consult your RENAULT Dealer.

COMBI (continued)	T28							
Vehicle type (see vehicle identification plate)	JDEWHH JDEMHH	JDAWDH JDAMDH	JDAWHH JDAMHH	JDUWDH JDUMDH	JDUWHH JDUMHH	JDSWDH JDSMDH	JDSWHH JDSMHH	
Kerb weight	Total	1 958	1 953	2 030	1 863	1 944	1 939	2 016
Excluding driver	Front	1 230	1 260	1 279	1 140	1 220	1 194	1 269
	Rear	728	749	751	723	724	745	747
Max. permissible axle weight	Front	1 750	1 550	1 750	1 550	1 750	1 550	1 750
	Rear	1 800	1 600	1 800	1 600	1 800	1 600	1 800
Max. permissible all-up weight					2 800			
Max. permissible towing weight unbraked						750		
Maximum permissible towing weight braked*	12% gradient							
						2 000		
Gross train weight (= Maximum permissible all-up weight and towing)						4 800		
Permissible load on towing hitch						80		
Maximum permissible load on roof rack					200 (including the carrying device)			

*** Towing weight: (towing a caravan, boat, etc.).**

- It is important to comply with the towing weights permitted by local legislation in each country and, in particular laid down in the Road Traffic Regulations. Consult your RENAULT Dealer about any adaptation of attachments. **Under no circumstances may the gross train weight (= maximum permissible all-up weight and weight towed) be exceeded.**
- If your vehicle is already at full load (max. permissible laden weight), the maximum speed must be limited to 60 mph (100 km/h) and the tyre pressure increased by 0.2 bar (hectopascals).
- The engine output and climbing capability are reduced with altitude. We recommend that the maximum load be reduced by 10% at an altitude of 1000 metres and by an additional 10% for each 1000 metres thereafter.

WEIGHTS (in kgs) - Complete vehicles without subsequent alterations.

Basic vehicle without options, likely to change in the course of the model year: consult your RENAULT Dealer.

COMBI (continued)		T35						
Vehicle type (see vehicle identification plate)		JDVJH5	JDVMH6	JDVTH6	JDGJH5	JDGMH6	JDGTH6	JDTJH5
Kerb weight	Total	1 918	1 926	1 965	1 932	1 940	1 979	1 979
Excluding driver	Front	1 199	1 207	1 257	1 209	1 217	1 267	1 239
	Rear	719	719	708	723	723	712	740
Max. permissible axle weight	Front			1 850				
	Rear			2 060				
Max. permissible all-up weight				3 500				
Max. permissible towing weight unbraked				750				
Maximum permissible towing weight braked* 12% gradient				2 000				
Gross train weight (= Maximum permissible all-up weight and towing)				5 500				
Permissible load on towing hitch				80				
Maximum permissible load on roof rack				200 (including the carrying device)				

* **Towing weight: (towing a caravan, boat, etc.).**

- It is important to comply with the towing weights permitted by local legislation in each country and, in particular laid down in the Road Traffic Regulations. Consult your RENAULT Dealer about any adaptation of attachments. **Under no circumstances may the gross train weight (= maximum permissible all-up weight and weight towed) be exceeded.**
- If your vehicle is already at full load (max. permissible laden weight), the maximum speed must be limited to 60 mph (100 km/h) and the tyre pressure increased by 0.2 bar (hectopascals).
- The engine output and climbing capability are reduced with altitude. We recommend that the maximum load be reduced by 10% at an altitude of 1000 metres and by an additional 10% for each 1000 metres thereafter.

WEIGHTS (in kgs) - Complete vehicles without subsequent alterations.
Basic vehicle without in the course of the model year: consult your RENAULT Dealer.

COMBI (continued)	T35							
Vehicle type (see vehicle identification plate)	JDTMH6	JDTTH6	JDCJH5	JDCMH6	JDCTH6	JDGWHH JDGMHH	JDCWHH JDCMHH	JDTWHH JDTMHH
Kerb weight	Total	1 987	2 026	1 993	2 001	2 040	1 970	2 042
Excluding driver	Front	1 247	1 297	1 249	1 257	1 307	1 237	1 286
	Rear	740	729	744	744	733	733	756
Max. permissible axle weight	Front				1 850			
	Rear				2 060			
Max. permissible all-up weight					3 500			
Max. permissible towing weight unbraked					750			
Maximum permissible towing weight braked* 12% gradient					2 000			
Gross train weight (= Maximum permissible all-up weight and towing)					5 500			
Permissible load on towing hitch					80			
Maximum permissible load on roof rack				200 (including the carrying device)				

* **Towing weight: (towing a caravan, boat, etc.).**

- It is important to comply with the towing weights permitted by local legislation in each country and, in particular laid down in the Road Traffic Regulations. Consult your RENAULT Dealer about any adaptation of attachments. **Under no circumstances may the gross train weight (= maximum permissible all-up weight and weight towed) be exceeded.**
- If your vehicle is already at full load (max. permissible laden weight), the maximum speed must be limited to 60 mph (100 km/h) and the tyre pressure increased by 0.2 bar (hectopascals).
- The engine output and climbing capability are reduced with altitude. We recommend that the maximum load be reduced by 10% at an altitude of 1000 metres and by an additional 10% for each 1000 metres thereafter.

SPARE PARTS AND REPAIRS

Original RENAULT parts are based on strict specifications and are regularly tested. Therefore, they are of at least the same level of quality as the parts originally fitted.

If you always fit genuine RENAULT parts to your vehicle, you will ensure that it performs well.

Furthermore, repairs carried out in RENAULT Network with original parts are guaranteed according to the conditions laid out on the back of the repair order.

ALPHABETICAL INDEX

A	ABS	2.10
	Accessories	5.28
	Additional headlights	5.11
	Air conditioning	3.02 ➔ 3.11
	Air filter	4.10
	Air suspension	2.11
	Air vents	3.02 - 3.03
	Airbag	1.20 ➔ 1.24
	Anti-lock braking system	2.10
	Anti-pollution (advice)	2.05 ➔ 2.07
	Ashtrays	3.18
	Audible and visual signals	1.57

B	Battery (failure)	5.21 ➔ 5.24
	Battery	4.11
	Bodywork maintenance	4.12 ➔ 4.14
	Bonnet	4.02
	Brake	2.09 - 2.10
	Brake fluid	4.07
	Bulbs (changing)	5.10 ➔ 5.17
	Bulbs	5.10 ➔ 5.17
	Buzzer (lights on)	1.06 - 1.54

C	Changing a wheel	5.02 ➔ 5.06
	Changing bulbs	5.10 ➔ 5.17
	Changing gear	2.08
	Child safety	1.27 ➔ 1.35
	Cigarette lighter	3.18
	Clock	1.51
	Coolant	4.08
	Courtesy light	3.15 - 3.16 - 5.16 - 5.17
	Cruise control/Speed limiter	2.12 ➔ 2.16

D	Dashboard	1.36 ➔ 1.39
	Dimensions	6.04 ➔ 6.09

D	Dipstick	4.03 - 4.04
	Direction indicators	1.57
	Door locking	1.02 ➔ 1.10
	Door mirrors	1.52
	Driver's position	1.36 ➔ 1.39
	Driving	2.02 ➔ 2.24

E	Electric headlight beam adjustment	1.56
	Electric windows	3.12 ➔ 3.14
	Emergency spare wheel	5.02 - 5.03
	Engine (technical specifications)	6.10
	Engine immobiliser	1.15
	Engine oil	4.03 ➔ 4.06
	Engine oil change	4.06
	Engine oil grade	4.06
	Engine oil level	4.03 ➔ 4.05
	Engine specifications	6.10
	External lighting and signals	1.54 ➔ 1.56

F	Faults (operating faults)	5.32 ➔ 5.37
	Front seat adjustment	1.16
	Front seats	1.16
	Fuel (economy advice)	2.05 ➔ 2.07
	Fuel (grade, filling)	1.58 - 1.59
	Fuel cut-off	5.29
	Fuel cut-off system	5.28
	Fuel economy	2.05 ➔ 2.07
	Fuel filler cap	1.58 - 1.59
	Fuel filler flap	1.58
	Fuel grade	1.58 - 1.59 - 6.03
	Fuel level	1.58
	Fuel tank	1.58 - 1.59
	Fuel tank capacity	1.58
	Fuses	5.18 ➔ 5.20

ALPHABETICAL INDEX

- G** Gear lever 2.08
Glove box 3.19 ➔ 3.21
Ground clearance 6.04 ➔ 6.09
- H** Hazard warning lights 1.57
Headrests 1.17
Heating 3.02 ➔ 3.06
Heating and ventilation system 3.02 ➔ 3.11
- I** Ignition switch 2.02
Indicators: direction indicators 1.57
 instrument panel 1.40 ➔ 1.50
Instrument panel 1.40 ➔ 1.50
Instruments 1.40 ➔ 1.50
Interior lighting 3.16 - 3.17
Interior lighting: replacing bulbs 5.16 - 5.17
Interior trim maintenance 4.14
- J** Jack 5.04 - 5.05
- K** Keys 1.02 - 1.03
- L** Levels: brake fluid 4.07
 coolant reservoir 4.08
 power assisted steering pump 4.09
 windscreen washer reservoir 4.09
Lighting signals 1.54 ➔ 1.55
Lights: brake lights 5.12 - 5.13 - 5.15
 dipped beam headlights 1.54 - 5.10 - 5.11
 direction indicators 1.57 - 5.10 ➔ 5.12
 fog lights 1.55 - 5.12 - 5.15
 hazard warning lights 1.57
 headlight beam adjustment 1.56
 main beam headlights 1.54 - 5.10
- L** Lights: number plate lights 5.14 - 5.15
 reversing lights 5.12 - 5.15
 side lights 1.54 - 5.12 - 5.15
 side mounted indicators 5.11
Locking the doors 1.02 ➔ 1.10
Luggage compartment 1.09 - 1.10 - 3.25
- M** Manufacturer's plate 6.02
Mechanical component capacity 4.06 ➔ 4.09
Mechanical maintenance 4.02 ➔ 4.14
Methods of restraint in addition to front
 seat belts 1.20 ➔ 1.24
- N** Navigation system 3.23
- O** Oil filter 4.06
Operating faults 5.32 ➔ 5.37
Overspeed function 2.24
- P** Paintwork (maintenance) 4.12 - 4.13
Paintwork (reference) 6.02
Parking proximity sensor 2.17
Power assisted steering 2.08
Practical advice 5.02 ➔ 5.37
Punctures 5.02 ➔ 5.06
- Q** Quickshift gearbox (use) 2.18 ➔ 2.23
- R** Radio installation 5.27 - 5.28
Radio installation 5.27 - 5.28
Radio pre-equipment 5.27 - 5.28
Raising the vehicle (changing a wheel) 5.02 ➔ 5.06
Rear bench seat 3.24

ALPHABETICAL INDEX

R	Remote control locking (batteries)	5.25
	Remote control locking	1.02 - 1.03
	Reverse gear	2.08
	Running in	2.02
 S	Screen washer	1.53
	Seat belts	1.18 ➔ 1.35
	Side mounted indicators (changing the bulbs)	5.11
	Spare parts	6.28
	Speed limiter	2.14 ➔ 2.16
	Starting the engine	2.03
	Storage compartments	3.19 ➔ 3.22
	Sun visor	3.17
	Sunroof	3.15
 T	Tachograph	1.51
	Technical specifications	6.02 ➔ 6.28
	Tool kit	5.04 - 5.05
	Towing (breakdown)	5.30 - 5.31
	Towing (caravan)	6.11 ➔ 6.27
 T	Towing weights	6.11 ➔ 6.27
	Transporting objects	3.25
	Turning circle	6.04 ➔ 6.09
	Tyre pressures	0.04
	Tyres	5.07 ➔ 5.09
 V	Vehicle identification	6.02 - 6.03
	Vehicle identification plates	6.02 - 6.03
	Ventilation, air conditioning	3.02 ➔ 3.11
 W	Warning lights	1.40 ➔ 1.47
	Washing	4.12 ➔ 4.14
	Weights	6.11 ➔ 6.27
	Wheelbrace	5.04 - 5.05
	Wheels (safety)	5.07 ➔ 5.09
	Windows	3.12 ➔ 3.14
	Windscreen demisting	3.04 - 3.09
	Windscreen washer/wiper	1.53
	Wiper blades	5.26



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