

CITROËN XM

OWNER'S HANDBOOK



XM-GB-5001

Welcome aboard your new CITROËN XM

We thank you for and congratulate you on your choice and wish you every satisfaction with your CITROËN XM.

Read this handbook carefully; it will allow you to discover the features of your XM and familiarise yourself with them in the interest of your enjoyment and safety.

Follow the service schedule.

Remember. The CITROËN Dealer Network is at your disposal.



Introducing Your Car 5

Driving 31

Comfort 41

Maintenance 65

Practical Advice 83

Characteristics 103

Alphabetical Index 110

This vehicle incorporates components containing asbestos (in particular: brake linings, clutch facings, heat shields, gaskets.)

Breathing asbestos dust is dangerous to health.

Follow safety instructions:

If you carry out work on or adjacent to these components: operate if possible out of doors or in a well ventilated place; preferably use hand tools or low speed tools equipped, if necessary, with an appropriate dust extraction facility. If high speed tools are used, they should always be so equipped; this applies particularly to linings which have to be drilled or ground.

If possible dampen before cutting or drilling; dampen dust and place in a properly closed receptacle and dispose of it safely.

(For example brake dust in wheels, drums or calipers; clutch dust in bell-housings.)

[Extended extract from the Asbestos Products (Safety) Regulations 1985 no. 2042.]

	Pages
Keys, remote control	6
Child safety locks, doors	7
Bonnet, tailgate	8
Refuelling	9
Front seats	10
Rear seats, parcel shelf	11
Seat belts	12 - 13
Rearview mirrors	14
Steering column adjustment, power steering	15
Driving position, instruments	16 - 17
Electric windows and central armrest	18
Lighting, signalling	19 - 20
Visibility	21
Instrument panel	22 - 23
Warning lamps, rheostat	24 - 25
Warning lamp display	26 - 27
Trip computer	28 - 29
Dot-Matrix display	30

All locks on the vehicle have an additional 'anti-theft' feature. It is therefore essential to engage the key fully and press in, while turning the lock.

1 - Main key

Operates steering, tailgate, glovebox and door locks as well as ignition and starter.

Central electric locking

The key enables you to lock or unlock all four doors, the tailgate and the fuel tank flap from either front door. If one of the front doors is open, the central locking will not work.

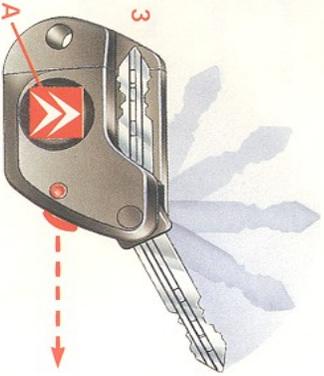
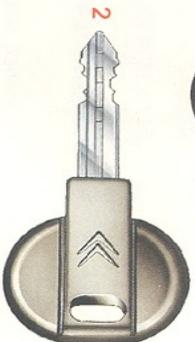
2 - Garage key

Operates as main key with the exception of tailgate and glovebox.

3 - Combined remote control and folding master key

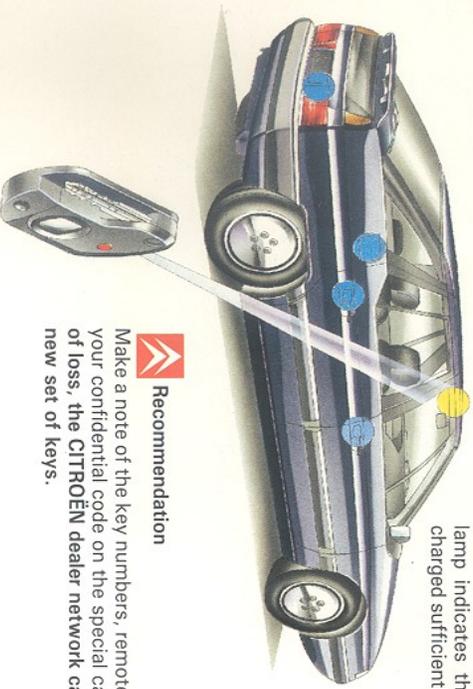
Operates the locking and unlocking of the doors, tailgate and fuel filler flap. Direct the beam of the remote control towards the receiver which is located in the roof console.

Press once on the button A. If the central locking fails to operate, press again on button A.



Note: A single push on the button activates the remote control. It serves no purpose to keep the button depressed.

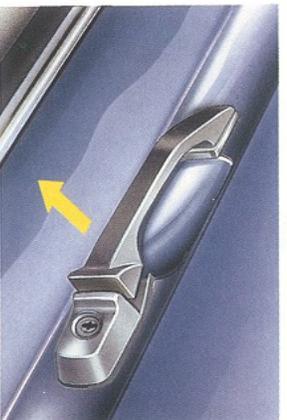
Illumination of the small red warning lamp indicates that the batteries are charged sufficiently (Refer to page 88).



Recommendation

Make a note of the key numbers, remote control number and your confidential code on the special card provided. In case of loss, the CITROËN dealer network can supply you with a new set of keys.

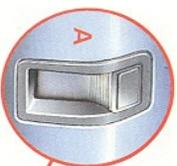
* According to model.



Opening from the outside
To unlock one of the front doors from the outside, turn, while pressing in, the key or unlock with the remote control. Pull the door handle towards you.

Opening from the inside
Raise locking button A to unlock.

Pull lever B towards you.



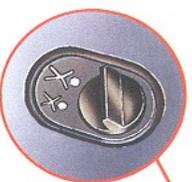
Locking from the inside
The front door locking buttons enable you to operate the central locking when the front doors are closed.



Child safety feature

This prevents the rear doors from being opened from the inside, and operates independently of the main locking system.

Align the knob with the symbol to engage the lock.



Opening the bonnet

Can only be done with the left-hand front door open.
Pull the release lever situated to the left of the front passenger seat.



Lift the latch situated under the forward edge of the bonnet and pull up.



Closing

Lower the bonnet to waist height then slam it shut without using excessive force.

Make sure that it has locked securely.

The under-bonnet lamp works when the sidelamps are on.*

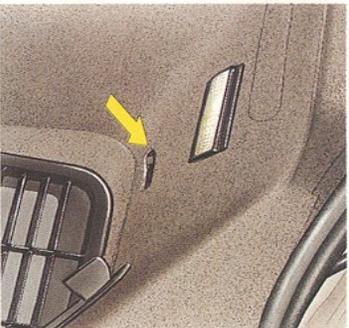


The fuel filler flap lock is operated by the central locking.
To open the flap, press on its forward edge.



If the central locking fails to operate, unlock the flap by pushing the bolt towards the rear, gaining access through the opening in the boot.

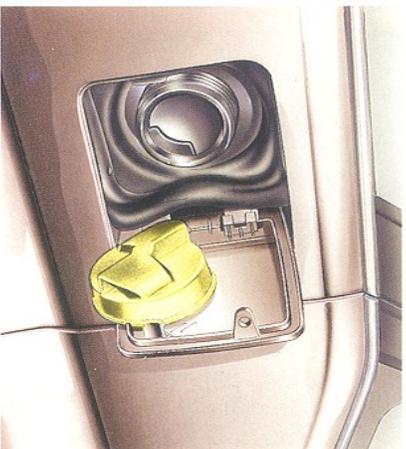
Fuel tank capacity: 80 litres (17.6 gals.).

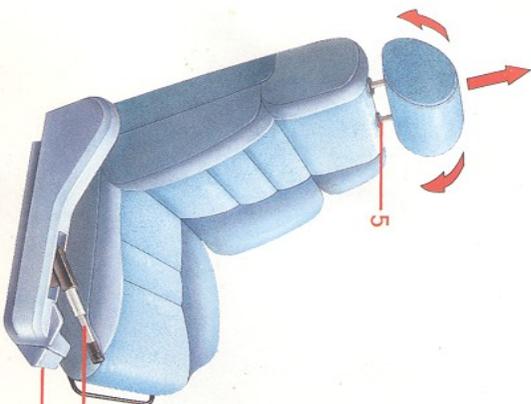


The threaded filler cap is specific. In case of loss, replace it only with a cap of the same type.
When replacing, turn fully home.
When refuelling, place the cap in the support provided on the inside of the filler flap.

Models with catalytic converter : unleaded fuel compulsory. The reduced diameter filler neck has a smaller orifice to avoid choosing the wrong fuel. Refuel from a dedicated unleaded pump with a small diameter delivery nozzle.

Use of leaded petrol will destroy the catalytic converter.





Manual adjustments

Reach
Lift the control bar and adjust to the desired position.

Backrest
Lift the control lever and adjust to the desired position.

Height (Driver's seat)
Operated by a telescopic lever. By pulling the handle forward, the lever extends to reduce the operating effort.

Reach
Height
Backrest

Lateral support
Turn control knob 4 to adjust to the desired position.

Head rests
To remove, turn the guides 5 by a quarter of a turn and pull the headrest upwards.



Split rear seat

The seat can be either partially or fully folded.*
Attention: Irrespective of which portion of the rear seat is folded down, the remaining rear seat (60% or 40%) is intended for use by only one passenger.

Seat cushion

Pull the strap(s) then swing the cushion forward against the front seat backrests.



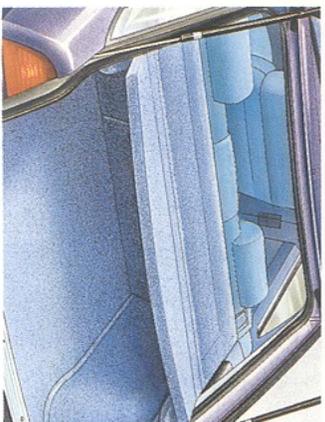
Backrest

Release by pulling one of the two control levers 1 and swing completely forward. If the headrests are in the raised position, lower them before proceeding. To reinstate seating, proceed in the reverse order.

Rear heated seats*

The controls are situated on the rear door armrests.

If the seat is not put back into place correctly, the rear seat belts will not work effectively.



Parcel shelf

To remove : lift its folding section. Raise the front edge of the shelf and pull.
To refit: proceed in the reverse order.

Models fitted with inner rear glass screen

To remove the parcel shelf: fasten the glass screen to the tailgate. (Refer to page 63).



Heated seats
The controls are situated on the centre console.



Height
Operate switch 3.

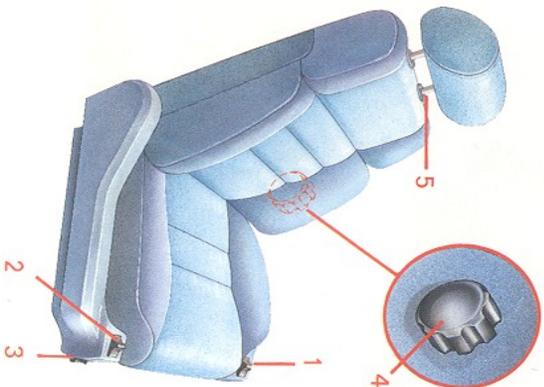


Backrest
Operate the switch 2 situated on the outer edge of the seat to adjust the angle of the backrest.



Reach
Operate the switch 1 situated on the inner edge of the seat to adjust for reach.

Electrically operated adjustments



* According to model or country.

* According to model or country.

Seat belts

For optimum protection in the event of an accident, however minor, adults and children of all ages must wear a seat belt or restraint appropriate to their size.

The seat belts can only be effective if:

The front seats are properly adjusted.

The rear seats are properly latched in position.

The belt is not twisted or allowed to rub against any sharp edges.

The buckle is securely fastened.

The belt is correctly positioned across the chest and over the shoulder. If necessary adjust the height by placing the adjustment button 1 where needed.

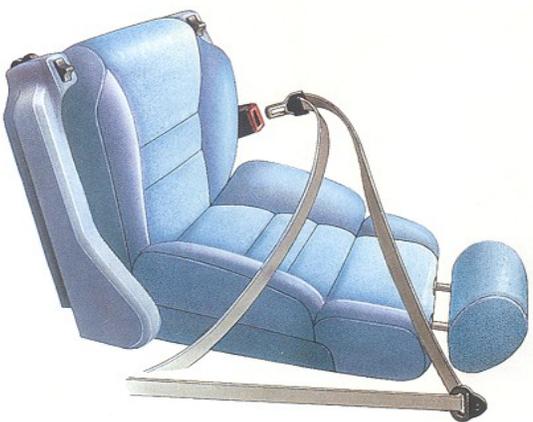
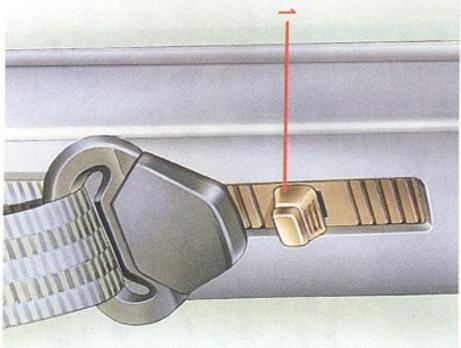
Attention: When adjusting the height of the front seat belt upper anchorage point, it is imperative to ensure that it latches securely in the desired position.

The lower part of the belt lies across the top of the thighs.

The belt is correctly tensioned and nothing interferes with the operation of the reel.

Readjust the seat belt after any change of seating position.

Any movement of the belt, fastening and un-latching, should be carried out smoothly.



Seat belts

Do not:

Leave any slack in the belt.

Pass the seat belt under arms.

Use the same belt for two people at a time, nor carry a child on your lap.

Recline the seat excessively.

Pretensioner

The front seat belts are fitted with a pretensioning device which, in the event of an accident, will automatically provide a greater level of support for the front seat passengers.

After an accident, check that the seat belt mountings are in the normal position. If not consult your CITROËN dealer to have the pretensioner device reset and the seat belts replaced if necessary.

Important advice

Before removing or working on the front seats, the pretensioner device must be disarmed. Only a CITROËN dealer can carry out this procedure. As a safety precaution, the pretensioner device must be disarmed before carrying out any work on the front seats.

Children

Children under 10 years of age should use the rear seats; in fact it is a legal requirement in some countries to do so. They should also use an approved restraint appropriate for their age and size.

As a guide :

From 9 months to 4 years of age - use a child seat and harness.

From 4 to 14 years of age - use a booster cushion and the existing rear seat belts.



Only approved safety equipment should be used and it must be fitted according to the manufacturer's instructions.

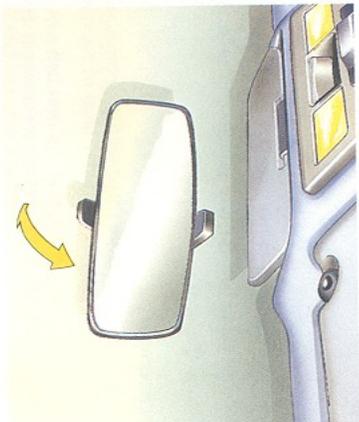
Maintenance

After an accident, have the seat belts changed and the anchorage points checked.

When stationary, a sharp tug on the seat belt should cause the reel to lock. If the reel fails to lock, the seat belt should be replaced immediately.

Only warm soapy water should be used to clean the seat belts. Do not allow water to enter the reel

Interior rear view mirror
Night position - anti-dazzle.
Push the lever back.



Exterior rear view mirrors
Manually operated rear view mirrors.
Adjust in 4 directions.

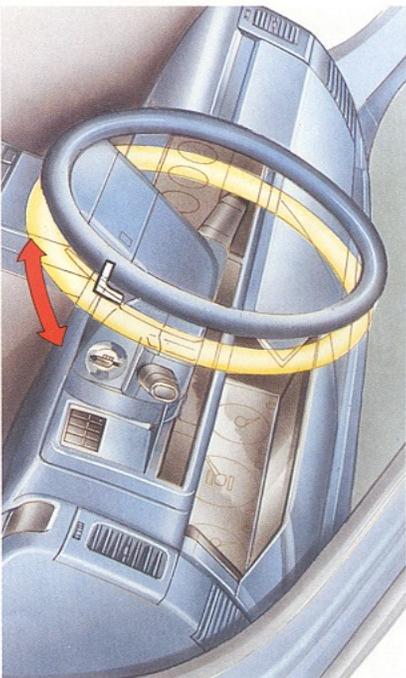
Electrical adjustment*
A - Select LH or RH rear view mirror.
B - Adjustment in 4 directions using the directional rocker switch.



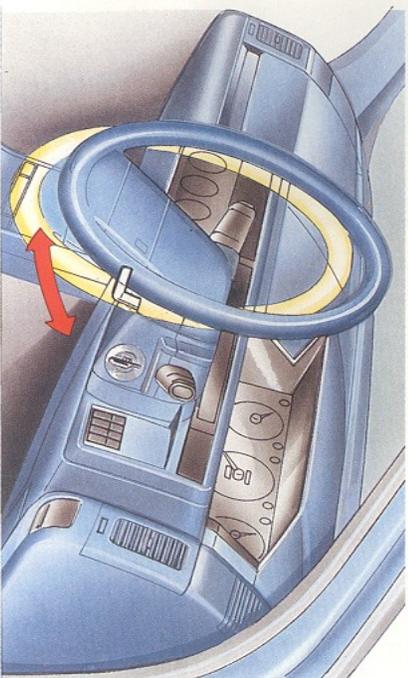
The defrosting of the rear view mirrors is linked to the electrical demisting of the rear window.*

* According to model.

The steering wheel is adjustable for both height and reach.
First adjust the seat position.
The steering release lever is located on the left hand side of the column.



Adjustment
Push the lever to release the steering column.
Raise or lower the steering wheel.



Pull or push the steering wheel to the desired position.

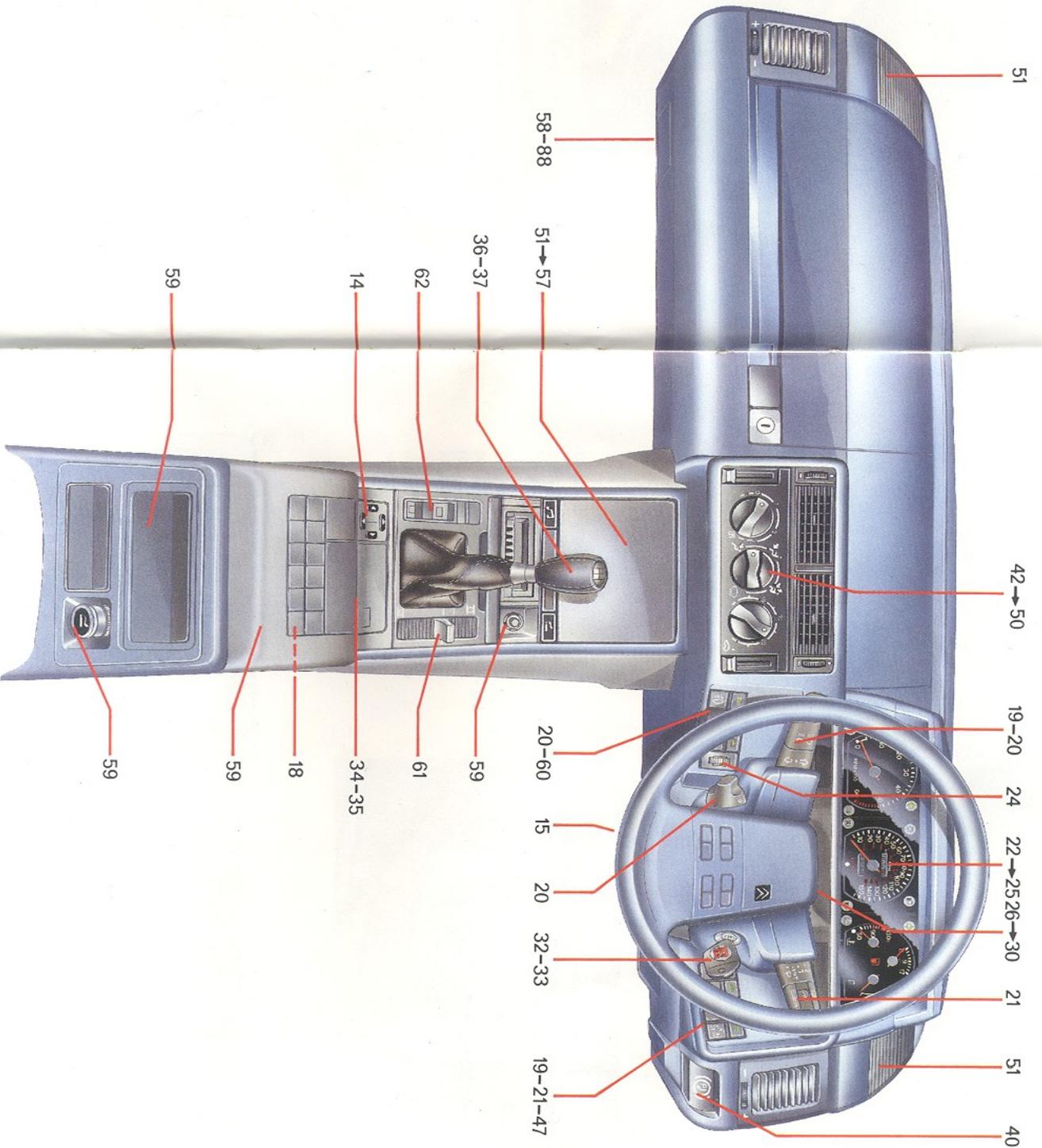
Pull the lever towards you to lock the steering wheel in the new position.
Do not release the steering column adjusting mechanism while the vehicle is in motion. Make all steering column adjustments when stationary.

Power steering

Never turn the ignition off when moving.

* According to model.

Pages	
14	Electric rear view mirror control
15	Steering column adjustments
18	Electric windows and centre armrest
19 - 20	Lighting, signalling
21	Visibility
22 - 25	Instrument panel and warning lamps
24	Rheostat
26 - 27	Warning lamp display
28	Trip computer
29	Matrix display
32 - 33	Steering lock, ignition switch, starter motor
34 - 35	Coded anti-theft device
36 - 37	Gear lever
38	Used engine oil
39	Dim-Dip lighting
40	Parking brake
42 - 50	Heating and ventilation
47	Air conditioning
51 - 57	Radio equipment
58	Document pack holder
59	Oddment boxes, ashtrays, cigar lighter
60	Interior lighting
61	Ground clearance
62	Hydractive suspension
88	Fuses

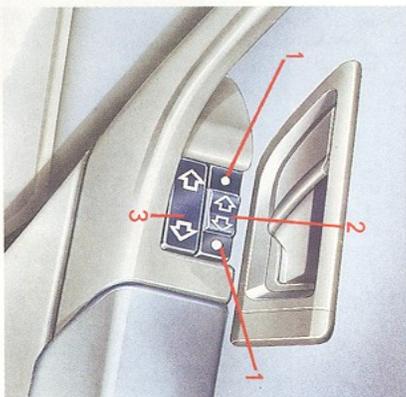


The layout may vary slightly from one model to another.

* According to model.

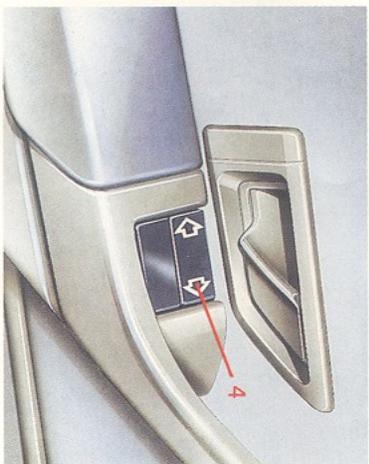
The switches situated on the door or on the centre console allow control of the vehicle windows.

- 1 - One touch on the switch opens or closes fully the driver's window.
- 2 - Controlled operation of the driver's window.



- 3 - Switch for the passenger's window.

- 4/5 - Switches for the rear windows are situated on the centre console and the rear door armrests.



- 6 - Isolator switch preventing operation of the rear windows, rear cigar lighter and electric power accessory socket.
- 7 - Control switch for the electric armrest adjustment.

The position of the switches may vary according to model.



* According to model.

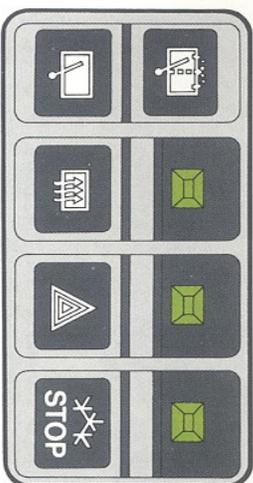
- Horn**
Press the end of the stalk.
- Headlamp warning flash**
Pull stalk towards you (operates even with the ignition off).



Direction indicators

Left: down.
Right: up.

When indicating, move the stalk past the resistance; automatic return and stop with the steering wheel. On motorways, when overtaking or changing lane, move the stalk against the resistance.



- Hazard warning lights**
Operates the four direction indicators and two side repeaters simultaneously.

Use only in case of danger, emergency stop or breakdown.



Dipswitch
Turn knob 1 to position

Pull lever 2 towards you to change from dipped beam to main beam and vice-versa.

When using main beam
The dipped beam will remain on.

Audible warning when lamps on
Indicates that the lamps have been left on, when a front or rear door* is opened and the ignition is off. This warning will stop on closing the door, on turning the lamps off, or on switching on the ignition.

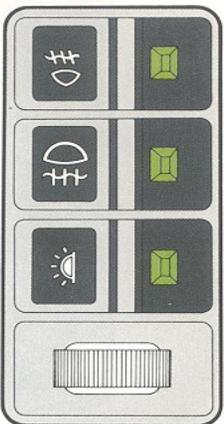
Front fog lamps
Press the switch, the warning lamp will light. Front fog lamps will only operate if sidelamps, dipped or main beam are switched on.

Rear fog lamps
Press the switch, the warning lamp will light. Rear fog lamps will only operate if front fog lamps, dipped or main beams are switched on.

In clear weather, the rear fog lamps are dazzling. Do not forget to switch them off when not needed.

Headlamp adjustment

Incorrectly adjusted headlamps are dangerous to you and to other road users. The headlamp alignment is achieved by turning the adjuster wheels. These adjustments have to be precise, therefore, they must be carried out by a CITROËN dealer with the necessary alignment equipment. After replacing a bulb, have the headlamp alignment checked.



Lighting control switch
Turn knob 1 forward.

0 Lamps off.

Sidelamps (Dim-Dip with ignition).

Headlamps.



Windscreen wiper

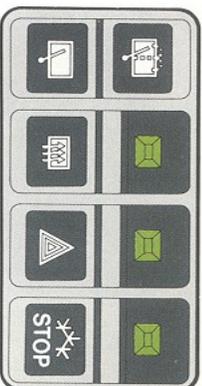
- 2** fast speed.
- 1** normal speed.
- INT** intermittent wipe with adjustable frequency.
- 0** stop.

Single operation of the wiper. Press the stalk down.

The frequency of the intermittent wipe can be adjusted by moving the slider.



Windscreen washer
Pull the stalk towards you. The wiper also operates, then parks.



Rear screen wiper
Push the switch in: intermittent operation of the wiper.

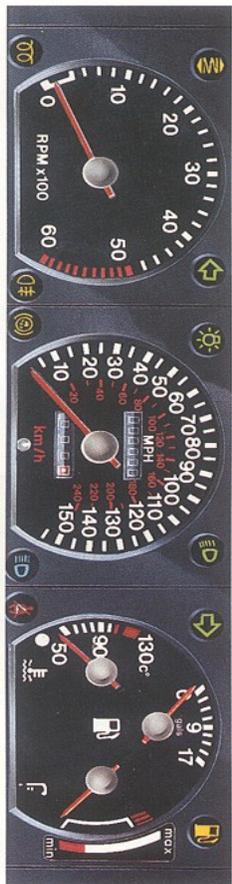
Rear screen washer
While holding in: screen wash and wipe. On release: about 3 wipes then parks.

Electric demisting
Rear window (and rear view mirrors) demisting switch.

Demist warning lamp.
(timed operation -12 minutes duration) *.
On models without the timed function, switch off as soon as possible to avoid excessive current consumption.

* According to model.

* According to model.



Tachometer (Petrol engine)
Do not exceed 6,200 rpm (4,500 rpm during the running in period).

Engine oil temperature.



Tachometer (Diesel engine)
Do not exceed 5,000 rpm (4,000 rpm during the running in period).

Turbo overpressure
The function is correct when the needle is in the white zone. If, during periods of sustained acceleration, the needle enters the red zone, drive at reduced speed to the nearest CITROËN dealer.

Total mileage recorder.

Trip mileage recorder with reset
Press the button.



* According to model.



Automatic gear selection display
See pages 36 - 37.



Fuel gauge
When the low level warning lamp comes on continuously, there are approximately 8 litres left in the tank.



Water temperature
Above normal operating temperature, the pre-warming and main warning lamps will light up. Refer to page 26.

Oil level gauge

The oil level gauge will operate approximately 2 seconds after the ignition is switched on. The level is correct provided the needle is between the min. and max. level marks. The gauge does not function with the engine running.



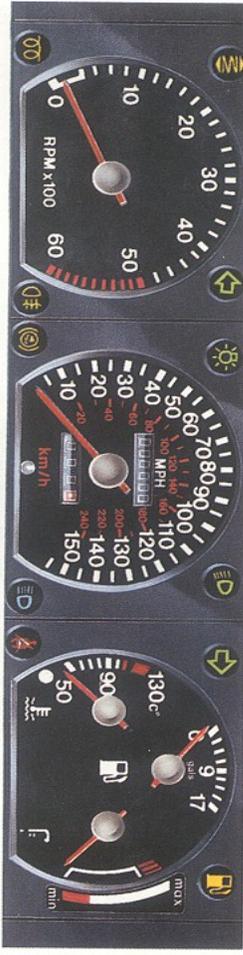
Analogue clock
To reset: Turn the button.



Fuel gauge
When the low level warning lamp comes on continuously, there are approximately 8 litres left in the tank.



* According to model.



LH direction indicator
Refer to page 19.



RH direction indicator
Refer to page 19.



Sidelamps
Refer to page 20.



Dipped beam
Refer to page 20.



Main beam
Refer to page 20.



Rear fog lamps
Refer to page 20.



'Hydractive' suspension
Lights up when 'Sport' mode is selected.



Antilock Braking System
It will light up for a few seconds when the ignition is turned on. If it stays on or lights up when driving, this indicates that the ABS is faulty, but does not affect the normal braking system.

Nevertheless, it is recommended that the vehicle be taken to a CITROËN dealer as soon as possible.

On slippery roads (loose stones, snow, ice, etc.), it is imperative to drive with caution, since while ABS minimises stopping distances it cannot compensate for the reduced grip afforded by such surfaces. Stopping distances will therefore increase significantly on slippery surfaces.



Low level fuel warning
When it comes on continuously, there are approximately 8 litres left in the tank.



Not used.

Rheostat

The brightness of the dashboard illumination can be adjusted.

Turn the dimmer wheel 1 situated on the lower left hand side of the warning lamp display.



Preheaters (Diesel)
Will light up with the ignition key in position M.
Refer to pages 32 - 33.



Electronic visual information (Dot-Matrix display: refer to page 30).

Vehicle silhouette*

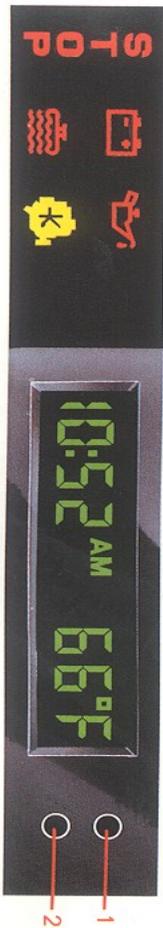
Indicates the following:

- Doors are not properly closed.
- Failure of the rear sidelamps.
- Failure of the stop lamps (left or right).

Upon switching on the ignition, the bulb failure warning lamps will light. After the first application of the brake pedal, the failure warning lamps will go out provided that the stop lamp circuit is in working order.

 Low level screen wash Refill the reservoir. Capacity: 4.5 litres (1 gal.).	 Parking brake Indicates that the parking brake is applied or is not fully released.
 Front brake pad wear If it lights up when pressing the brake pedal, have them checked and replaced if necessary.	 Water temperature pre-warning lamp If it lights up, slow down.
 Water in fuel filter Drain the water from the fuel filter as soon as possible.	 Hydraulic pressure and level If it lights up, stop immediately and call the nearest CITROËN dealer.

Water temperature
 If it lights up together with the STOP warning, stop immediately but let the engine idle. Check the coolant level, taking the precautions detailed on pages 66 to 77. Contact the nearest CITROËN dealer.



Clock and external temperature* (Trip computer: refer to page 28 - 29)

Clock reset: using a pointed object, press in one of the two buttons to the right of the clock.

- 1 Setting of hours.
- 2 Setting of minutes.

STOP
Stop command
 Will come on together with another warning lamp; vehicle must be stopped as quickly as possible with due regard to safety.


Engine oil pressure
 If it lights up while driving, stop the engine. Check the oil level; refer to pages 66 to 77.
 If the warning lamp remains on with a correct oil level, contact the nearest CITROËN dealer.


Battery charge
 Should not come on when the engine is running. May light up when the engine idles but should go out with slight acceleration. If it remains on, go to the nearest CITROËN dealer.


Engine auto-diagnosis
 If it flashes or lights, it indicates a fault within the fuel injection or ignition systems; engine performance and running may be impaired. Prolonged running under these conditions will lead to damage to the catalytic converter. Contact a CITROËN dealer as soon as possible.


Coolant level
 Check the level taking the precautions detailed on pages 66 to 77.

* According to model.

* According to model.

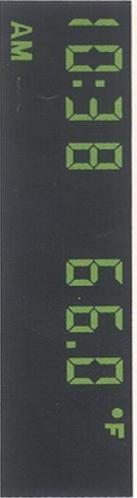
Tip computer*

Four types of information appear on the display to the right of the instrument panel:

Ambient temperature. (°F)
Instantaneous fuel consumption. (MPG)
Average fuel consumption. (MPG)
Average speed. (MPH)



To select the desired information, press lightly on the end of the windshield wiper stalk.



The time is displayed permanently. To reset, using a pointed object press in one of the two buttons, situated on the right of the display.

The ambient temperature is displayed whenever the ignition is switched on. When indicating temperatures of between 26 °F and 38 °F, the display flashes, warning the driver of the possibility of icy conditions.



Instantaneous fuel consumption. The fuel consumption of the last 2 second period is displayed. This function is only available at speeds above 13 m.p.h.

* According to model.

Tip computer*

The average fuel consumption is calculated from the last reset of the computer.



The average speed is obtained, from the last reset of the computer, by dividing the distance covered by the time taken (ignition on).

To reset the computer, press continuously for more than 3 seconds on the stalk. If horizontal segments appear instead of numbers, contact a CITROËN dealer.

Each time the engine is started, the display shows ambient temperature.

If the battery has been disconnected, all the segments of the display light up upon starting the engine.

Pressure on the control stalk or one of the clock reset buttons sets the computer in operation. The ambient temperature is displayed.



* According to model.

A dot-matrix display (to the left of the instrument panel) gives advisory messages or urgent warnings preceded by an audible 'bip'.

Message 1	Message 2
Stop lamp test	Apply brakes to test (see page 26)
Engine oil pressure	Stop immediately
Hydraulic pressure	Warning brake pressure loss
Hydraulic level	Check fluid level
Engine water level	Stop immediately
High water temperature	Slow down
Worn out brake pads	Brake maintenance

ABS out of use
Defective right stop lamp
Defective left stop lamp
Left front door open
Right front door open
Left rear door open
Right rear door open
Boot lid open
Bonnet open

Defective right tail lamp
Defective left tail lamp
Defective side lamp
Fill windshield washer
Automatic suspension
Sport suspension

The messages can be displayed in French, English, German or Italian depending on the fitting of fuses 11 and 15.

	Fuse 11	Fuse 15
French	No	No
English	Yes	Yes
German	Yes	No
Italian	No	Yes

Refer to page 89.

* According to model.

	Pages
Steering lock, ignition, starter, preheating, catalytic converter	32
Starting the engine, running-in	33
Coded anti-theft device	34 - 35
Gear lever manual gearbox	36
Gear lever automatic gearbox	36 - 37
Used engine oils	38
Parking brake, ABS	40

Steering lock, ignition, starter, preheating

Starting and running-in

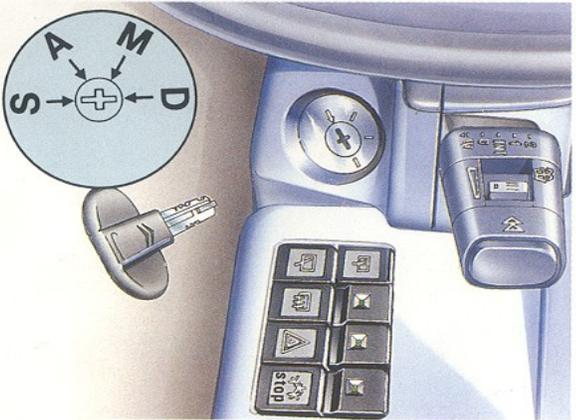
• **S: Steering lock**
To unlock the steering, turn the steering wheel slightly at the same time as turning the key; avoid using undue force.

• **A: Accessories**
Allows operation of electrical accessories.

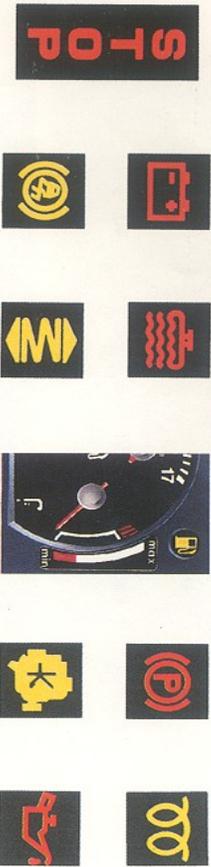
• **M: Ignition**

Upon switching on the ignition, the oil level gauge (timed) together with STOP, battery charge, ABS (timed), coolant level, hydraulic suspension (timed), parking brake, auto-diagnosis, preheating and oil pressure warning lamps will all light up by way of a test function. If one of them fails to light up, a fault is indicated.

• **D: Starter**
Release the key as soon as the engine has started. Never operate with the engine running. (Refer to page 33).



These warning systems are tested in position M.



CATALYTIC CONVERTER

Attention: The catalytic converter is a delicate component. Follow the advice given below.

Important information for vehicles equipped with a catalytic converter*

- 1 - Use only unleaded petrol.
- 2 - Do not use any additive in the unleaded petrol.
- 3 - Do not use any additive in the engine oil.
- 4 - Avoid repeated cold starts.
- 5 - In case of difficulty when starting a cold engine, consult your nearest CITROËN dealer.
- 6 - In case of misfiring, consult your nearest CITROËN dealer.
- 7 - Allow engine to idle before switching off the ignition.
- 8 - Have the vehicle serviced regularly, according to the maintenance guide.
- 9 - Never tow or push the vehicle to start the engine as this can cause damage to the catalytic converter.
- 10 - Avoid running out of petrol.
- 11 - Do not let the engine idle for long periods with the vehicle stationary.
- 12 - Never park or drive the vehicle over easily ignited materials (the catalytic converter operates at very high temperatures).

Running-in

The vehicle should be carefully run-in until the first service is carried out. Drive moderately, avoiding high engine speeds. Do not exceed 4,500 rpm (petrol engine) or 4,000 rpm (diesel engine) in any gear.

Avoid harsh braking.

Careful running-in will improve the oil consumption throughout the life of your vehicle.

Depending on the conditions of use of your vehicle, oil consumption could reach 1/2 litre per 600 miles for a petrol engine or 1 litre per 600 miles for a diesel engine, after a running-in period of at least 3 000 miles.

Regular use of high engine speeds will significantly increase oil consumption. When topping up with oil, do not fill above the MAX. level.

Starting (Petrol engine)

Automatic choke (according to model):

It is not necessary to depress the accelerator pedal. Turn the ignition key to position **D** to operate the starter motor (up to 10 seconds if necessary), release the key as soon as the engine starts. At temperatures below 0 °C, depress the clutch pedal to ease starting, then release it slowly.

Engine hot: it is not necessary to depress the accelerator pedal.

Operate the starter motor (for up to 10 seconds) and release the key as the engine starts. In all cases, if the engine does not start, wait a few seconds, then depress the accelerator completely while operating the starter motor (up to 10 seconds) until the engine starts.

Starting (Diesel engine)

Engine cold

Turn the ignition key to **M** (ignition, preheaters) and wait until the preheater warning lamp goes out. Operate the starter motor (up to 10 seconds) until the engine starts, then let it idle in neutral for a short time.

At temperatures below 0 °C, depress the clutch pedal to ease starting, then release it slowly.

Engine hot

Operate the starter motor. If the engine fails to start at the first attempt, then use the preheaters as in cold starting.

In all cases, if the engine does not start, wait a few seconds, then depress the throttle completely while operating the starter motor until the engine starts. If it still fails to start, consult your nearest CITROËN dealer.



Warning

Wait for the vehicle to reach its normal ride height before selecting a gear. Do not let the engine run in a confined space.

Vehicle fitted with turbocharger

Before switching off, always let the engine idle for several seconds to allow the turbocharger to reduce speed.

Coded anti-theft device*

This security device locks the electronic injection system when programmed with a confidential 4 figure code.

Ignition switched on

Green warning lamp on: engine can be started.
Red warning lamp on: security device engaged.
To allow the engine to be started, the 4 figure code must be entered: the red warning lamp must be off and the green lamp on.
In case of error, re-enter the code.

After 3 successive false attempts, the keyboard will be locked automatically for one minute (ignition on).

Each time a key is pressed, the green warning lamp flashes together with a 'beep' sound. If you try to start the engine when the security device is engaged, a warning will sound while the starter motor is in operation.



1st programming of the code

Ignition on

- 1 - Enter the code 0001.
- 2 - Press key C.
- 3 - Enter your 4 figure code.
- 4 - Press key C to validate.

Four flashes of the green warning lamp and an audible 'beep' indicate that the information is recorded.

To change the code

Ignition switched on

- 1 - Enter your old code already in memory.
- 2 - Press key C.
- 3 - Enter your new confidential 4 figure code.
- 4 - Press key C to validate.

Four flashes of the green warning lamp and an audible 'beep' indicate that the information is recorded.

Security procedure

The two codes (old and new) are then valid until one is used to start the engine. In case of non confirmation (four flashes and 'beep' sound), turn the ignition off, then turn it on and start the whole process again.

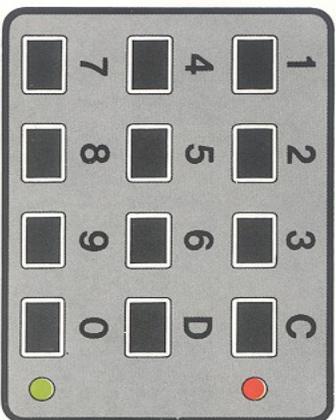
If by mistake, more than four figures have been entered before you press key C, only the first four will be memorised.

If both red and green warning lamps are flashing simultaneously, this indicates an incorrect entry or a malfunction. Turn the ignition off, then turn it on and start the whole process again. If this condition persists, consult the nearest CITROËN dealer.

Neutral mode

This mode is the only one that can prevent locking. Proceed as for a change of code using as new code 0000.

To get out of this mode, enter your confidential code with the ignition on.



Coded anti-theft device

The device locks automatically with the ignition off:

- As soon as the doors are locked.
- One hour after the ignition has been turned off, if the doors are not locked.

Deferred locking

Press key D (ignition on) to delay locking of the injection system for one hour. During this time, you need not re-enter the code to start the engine. The deferred locking is indicated by flashing of the green warning lamp and an audible 'beep' within 30 seconds of the ignition being turned off. To cancel the deferred locking, press key D.

Identification

From the outside of the vehicle, the system status can be identified:

- **Locking engaged:**
The red warning lamp lights up continuously for 10 seconds after the doors have been locked then flashes until the ignition is next turned on.
- **Locking deferred:**
The red warning lamp starts flashing after one hour and continues until the ignition is next turned on.



Recommendation

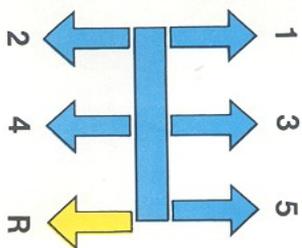
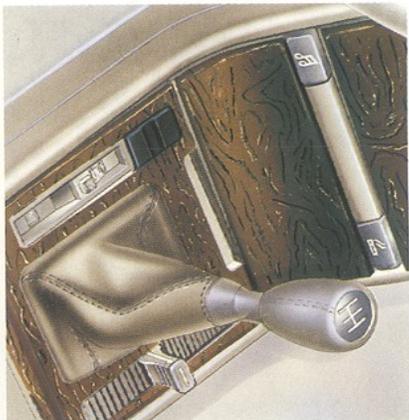
When the vehicle is taken to a CITROËN dealer for any work to be carried out, to avoid revealing your personal code, it is advisable to reprogramme the security system to the original 0000 code (see neutral code). The confidential code then stays in the memory, and can be changed only by someone who knows it.

When collecting the vehicle, with the ignition on, simply re-enter your personal code to reactivate the anti-theft device without going through the process of changing the code.

In case of breakdown or battery disconnection, the confidential code remains in the memory.



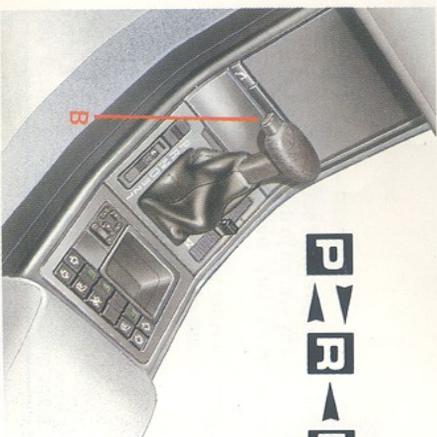
* According to model.



Reverse gear

Never engage reverse gear while the vehicle is in motion. Depress the clutch pedal and wait a few moments before engaging reverse gear.

Automatic gearbox gear selector



Gear selector lock

Disengage the selector lock by pressing on **B** in order to change from:

The arrows indicate the selector movements that can only be made by pressing on **B**.

The engine can only be started in positions **P** and **N**. A security interlock prevents operation of the starter in the other positions.

The position of the selector lever is displayed in the right hand dial of the instrument panel.



P **Park**
Do not engage until the vehicle is completely stationary. In this position the driving wheels are locked. To avoid any movements of the vehicle when parked, select position **P** and engage the handbrake.

R **Reverse**
Engage only when stationary and the footbrake firmly applied. To avoid any harshness, do not accelerate immediately on selection.

N **Neutral**
Recommended position when stationary in a traffic jam. Do not select when the vehicle is in motion.

D **Drive**
Position for normal use. The four forward gears are selected automatically. To provide maximum acceleration (overtaking, for example) pressing the throttle pedal fully can cause the gearbox to change to a lower gear.

Suggested uses

3 1 2 3 **Automatic selection of the three lower gears**
Sustained driving on winding roads, when towing a caravan or when driving in town.

2 1 2 **Automatic selection of the two lower gears**
Long inclines or when towing a caravan under difficult conditions.

1 1 **Locked in 1st gear**
For use on exceptional gradients when towing a caravan.

3 2 1 **These positions can be used for engine braking, however, never select a lower position when the engine speed exceeds 4,000 r.p.m.**



Advice

Towing the vehicle: select position **N** (neutral). See Towing page 98.

Used engine oils

Warning

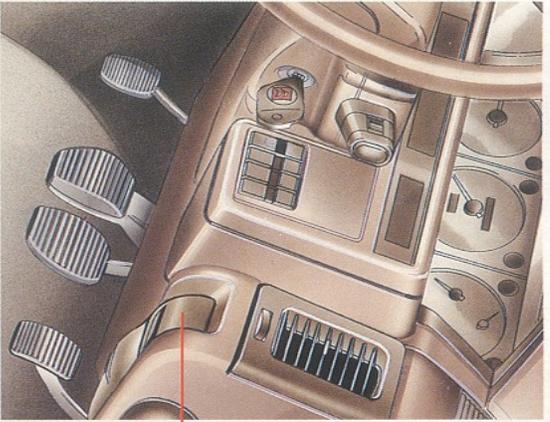
- Prolonged and repeated contact may cause serious skin disorders, including dermatitis and cancer.
- Avoid excessive contact, use a barrier cream and wash thoroughly after contact.
- Keep out of reach of children.

Protect the environment

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

Note: 'Dim-dip' lighting (Road vehicle lighting regulations)

If the side-and-tail lamps are on and the engine is started, or if the engine is running and the side-and-tail lamps are switched on, the dipped-beams of the headlamps light at reduced output (dim-dip) to make the vehicle more easily seen by other users of the road. When the driver switches to dipped-beams or main-beams, the dim-dip ceases to operate until side-and-tail lamps only are selected again with the engine running. Switching the dim-dip on and off is automatic and requires no action on the part of the driver.



Emergency and parking brake
The pedal is situated to the left of the clutch pedal.

Two functions:

- Parking brake. Push in release control 1, then depress the pedal.
To release, pull the release control towards you gripping it from underneath.

- Emergency brake. With the release control pulled out it can be used as a conventional brake but with no power assistance.

Do not drive with the release control 1 pushed in.



The warning lamp lights up when the brake is applied or not fully released.



ABS* - Antilock Braking System

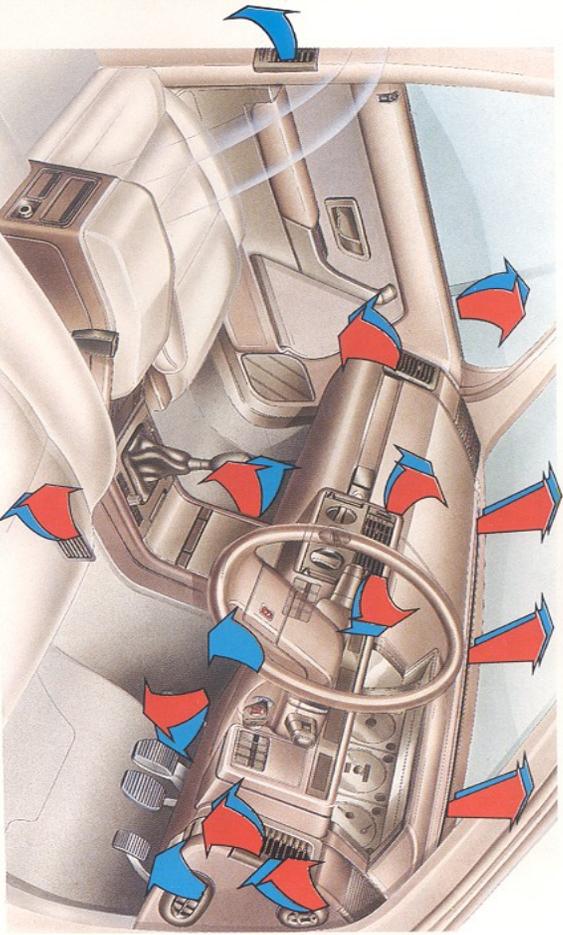
The warning lamp will light up for a few seconds when the ignition is turned on. If it stays on or lights up when driving, this indicates that the ABS is faulty, but does not affect the normal braking system.

Nevertheless, it is recommended that the vehicle be taken to a CITROËN dealer as soon as possible.

On slippery roads (loose stones, snow, ice, etc.), it is imperative to drive with caution, since while ABS minimises stopping distances it cannot compensate for the reduced grip afforded by such surfaces. Stopping distance will therefore increase significantly on slippery surfaces.

* According to model.

	Pages
Heating, Ventilation	42 - 44
Air temperature control	45 - 46
Air conditioning	47
Automatic heating and ventilation	48 - 50
Radio pre-equipment	51 - 52
Clarion audio system (Option)	53 - 57
Sun visors, rear blinds	58
Storage space, ashtrays, cigar lighters	59
Interior lighting	60
Ground clearance	61
'Hydractive' suspension	62
Separation screen	63
Opening roof	64



Air circulation *

Optimum comfort depends on the even distribution of the air in the passenger compartment, both at the front and at the rear.
 Keep the air intake grille clear (dead leaves, snow).
 Do not obstruct the following openings: passage under the front seat, space between the rear window and the shelf, recesses in the sides of the boot.

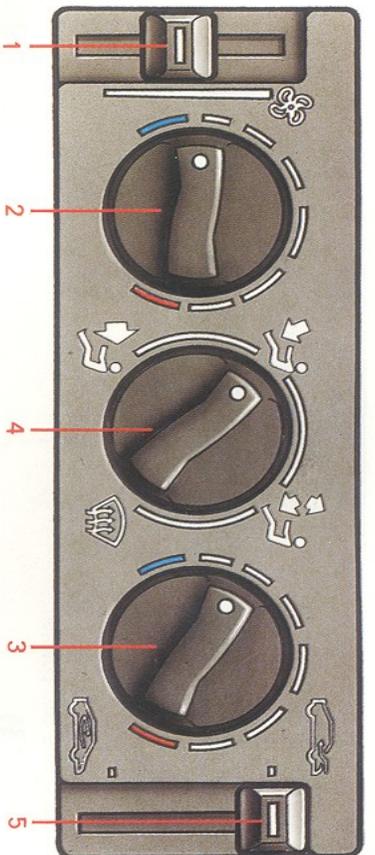
Air vents

Air vents are marked with (-) and (+) (closed or open) and have louvres to direct the airflow (high-low, right-left).

An air vent adjustable in both flow and direction situated on each centre pillar provides air for the rear passengers.

An additional adjustable air vent, situated under the steering column, provides additional air for the driver's legs.

* According to model.



Heater control panel

1 - Heater blower control slider.

2 - 3 - Air temperature controls.

The heater output temperature can be varied independently left and right.

2 - LH side. 3 - RH side.

4 - Air distribution control

4 settings plus intermediate positions possible.



Face level from the vents.



To the feet.



To screen and feet.



To screen for demisting.



5 - Recycling control

This control enables the outside air supply to be shut off and the air inside the vehicle to be recycled when passing through dusty areas or a tunnel or to avoid unpleasant odours. It will also provide quicker heating of the interior in winter or cooling by the air conditioning system (if fitted) in summer.

The control has only 2 positions and should not be left in an intermediate position. It is recommended that the control not be left in the recycling position for longer than necessary as the normal position will provide a continuous fresh air supply to the passenger compartment.

* According to model.



Ventilation

Cold air ventilation is obtained by setting the two temperature controls to the cold position.



Recommended position for distribution control.

The airflow is controlled by the heater blower sliding control.



Heating

Set the two controls to the temperatures desired. Recommended positions for distribution control:



For heating only.



For heating and screen demisting.

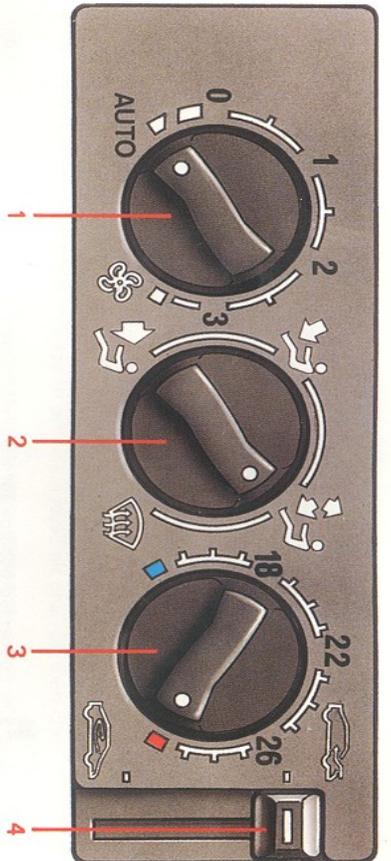


Defrosting and demisting

Set the two temperature controls to 'HOT', the distribution control to , the heater blower to maximum and to clear the screen quickly, the fresh air position should be selected.

When the windows are clear, set the controls to the temperatures and levels desired.

* According to model.



Heater control panel*

1 - Heater blower speed control

5 progressive settings controlling the airflow into the passenger compartment.

Position 0: heater blower off - no air flow. ('Ram' effect air supply insignificant).

Position AUTO: automatic control of both air temperature and flow.

The air flow can be controlled manually by rotating the control 1.

2 - Air distribution control



Face level from the vents.



To the feet.



To screen and feet.



To screen for demisting.

3 - Temperature selector - control by a roof-mounted sensor

4 - Recycling control



This control enables the outside air supply to be shut off and the air inside the vehicle to be recycled when passing through dusty areas or a tunnel or to avoid unpleasant odours. It will also provide quicker heating of the interior in winter or cooling by the air conditioning system (if fitted) in summer.

The control has only 2 positions and should not be left in an intermediate position.

It is recommended that the control not be left in the recycling position for longer than necessary as the normal position will provide a continuous fresh air supply to the passenger compartment.

Fresh air position

* According to model.



Ventilation

Select the desired temperature. In the AUTO position, the airflow will be controlled automatically to provide optimum ventilation.



Suggested position for distribution control.



Heating

Select the desired temperature with the control.

Suggested positions for distribution control:



Heating only.



Heating and screen demisting.

The AUTO** position will provide the optimum airflow.

** When starting from cold, the airflow will be slight, until the engine has reached its normal running temperature. Full heater operation will then be achieved.



Fast defrosting and demisting

Select position 3 of the heater blower control, set the distribution control to the screen position, set the temperature control to maximum and select the fresh air position on the slide control.

When the windows are clear, set the controls to the temperature and level required.

* According to model.

Air conditioning*

The system will only operate with the engine running. It is linked to the temperature controls.

It will operate if the ambient temperature is above 3 °C.

Operation of the system can be prevented by pressing the switch, the lamp will illuminate.



For the air conditioning to be fully effective, the windows should be closed.

However, if after a prolonged stop in direct sunlight, the inside of the car is hot, leave the windows open for a few minutes to provide a rapid air change, then close them.

To obtain the most effective cooling in the passenger compartment in very hot conditions or to provide rapid demisting in the winter, select the recycling position (air conditioning in operation).

It is normal for water (that has condensed on the surface of the air conditioner) to run out under the vehicle.



Recommendation

Set the control to the temperature desired. Optimum heating or cooling will be controlled automatically.

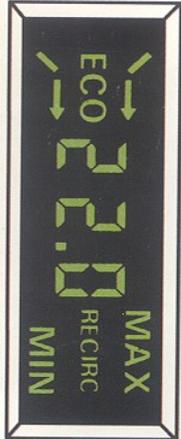
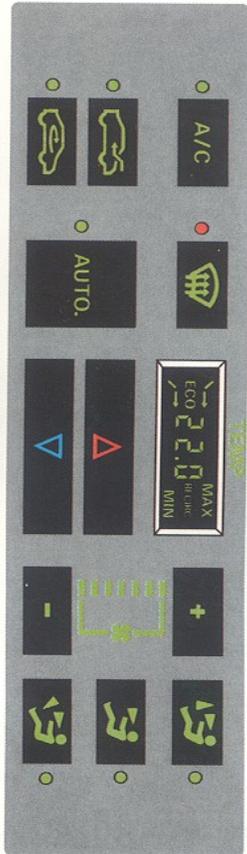
Selecting the maximum or minimum position will not speed up the process.

* According to model and equipment.

Automatic heating and ventilation*

This system controls the air flow, the temperature, the air conditioning and the air distribution automatically. It provides an optimum level of comfort regardless of the climatic conditions.

Control panel



Display
To obtain the desired temperature, press the appropriate switch:



Red
To increase.



Blue
To decrease.

Autodiagnosis

If the decimal point **A** flashes, it is an indication that a fault has occurred in the heating system. The overall efficiency of the system may be impaired but the heating will continue to function albeit in a more simplified manner. Consult your CITROËN dealer.



These arrows indicate a significant difference between the temperature selected and the actual temperature. They confirm that the change of setting has been noted and that the system is responding. The arrows will disappear as the difference between selected temperature and actual temperature decreases.



This will appear when the air conditioning has been switched off. (See next page).

* According to model.

Automatic heating and ventilation*

Appears when the recycling position has been selected.



Appears when a temperature below 15 °C has been selected.



Appears when a temperature above 30 °C has been selected. In these two extreme positions (Min.-Max.), the system will provide maximum output of either cold or hot air according to setting.



Automatic operation

The switches and warning lamps are illuminated in green (except the demisting control warning which is orange). A warning lamp will illuminate when each function has been selected.



A single press of the switch (confirmed by the illumination of the warning lamp) will automatically control 5 separate functions in achieving the temperature selected.

- Air flow
- Temperature within the passenger compartment
- Distribution of air
- Air conditioning
- Recycling of air

Note

The heater blower fan operates at reduced speed when the engine is cold and will progressively increase as the engine warms up.

Manual operation

It is possible to manually override a function whilst still maintaining automatic control of the other functions. Press one of the following switches to override the automatic control. (The **AUTO** function and warning lamp will be cancelled but not the air conditioning control.)



Air conditioning

Warning lamp illuminated: air conditioning in operation. By pressing the switch the air conditioning will be switched off and the warning lamp will go out. 'ECO' will appear in the display.

When the warning lamp is out, the air conditioning can be selected by pressing the switch. The warning lamp will light and the air conditioning will be available.

* According to model.

Automatic heating and ventilation*

Fresh air



Warning lamp lit: fresh air is drawn into the heater system.

Recycling



Warning lamp lit: fresh air inlet is closed and air from within the vehicle is recycled.

'RECIIRC' appears in the display. This function should be selected when driving in unpleasant conditions (dusty areas, unpleasant odours or in a tunnel). It should be cancelled as soon as possible by pressing **AUTO** in order to maintain a continuous supply of fresh air.

Air flow

Press on the switches



to increase and



to decrease the heater blower speed.

Maximum heater blower speed



All segments lit.

To return to automatic control, press the **AUTO** switch.

Blower off

No segments lit. The air conditioning will be switched off automatically.



Ventilation predominantly to the screen.



Ventilation predominantly to the face vents.



Ventilation predominantly to the feet and the face vents.

These last three functions provide a choice of air distribution overriding that of the automatic control. Pressing the **AUTO** switch will return the system to its automatic function.

Demisting



This switch provides rapid defrosting or demisting of the windscreen and effects directly the speed of the heater blower.

Press **AUTO** to return the system to its automatic function.

* According to model.

Radio pre-equipment (according to model and option)

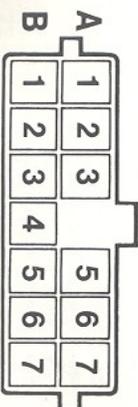
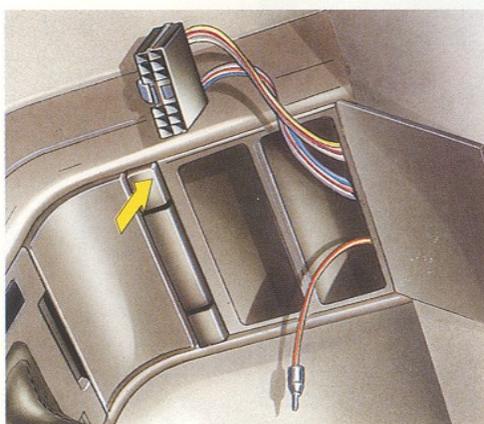
Comprises:

- Wiring and connections enabling the fitting of front and rear speakers and 'Tweeters' in the dashboard.
- An aerial and lead.
- A 13-way socket for connecting the radio.

- A1: (-) LH Rear Speaker.
- A2: (-) LH Front Speaker.
- A3: Display illumination.
- A5: (+) Ignition controlled.
- A6: (+) RH Front Speaker.
- A7: (+) RH Rear Speaker.
- B1: (+) LH Rear Speaker.
- B2: (+) LH Front Speaker.
- B3: (+) Permanent live.
- B4: Electric aerial.
- B5: Earth.
- B6: (-) RH Front Speaker.
- B7: (-) RH Rear Speaker.

Reminder of the positions and functions of the wiring

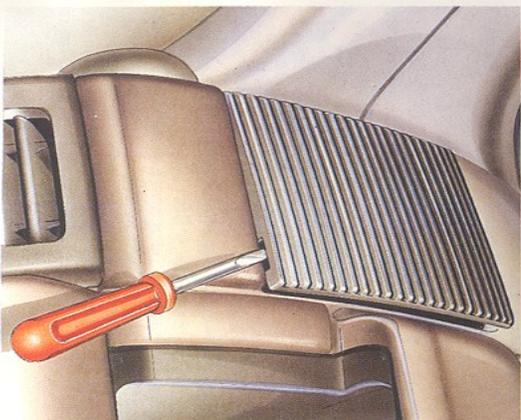
Seen from back of connector.



Fitting tweeters to the dashboard

Remove the grilles above the air vents (see diagram), connect and secure the tweeters (72 mm diameter).

Refit the grille as shown.

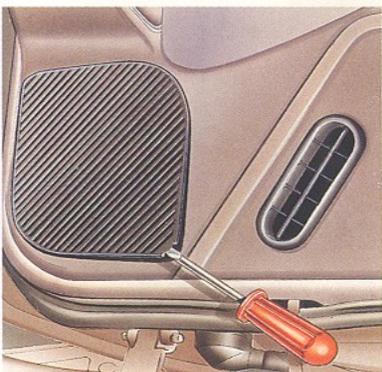


* According to model or options.

Fitting speakers to the front doors*
In the lower part of the doors, speakers 165 mm diameter.

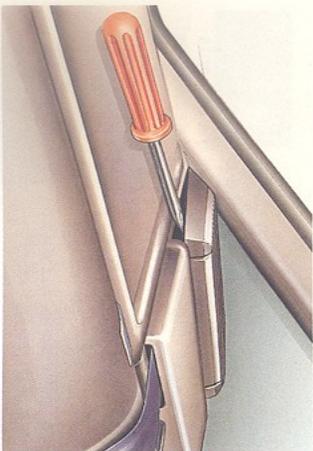


Remove the grille using a screwdriver (see diagram), cut out the panel and the lower half of the inner panel. Connect and secure the speaker. Refit the grille.



Fitting speakers to the rear shelf*
Remove the grille (see diagram) connect and secure the speakers (130 mm diameter).

Clarion radio equipment
Refer to page 53.



* According to model.



Clarion pc 300 hi-fi option

The Clarion PC 300 comprises:

- | | |
|-----------------------------------|---------------------------------|
| 1 - Volume (+)/(-) | 13 - Examining the memory (EXM) |
| 2 - Loudness (loud control) | 14 - Manual search |
| 3 - Off/On | 15 - Mono-stereo function |
| 4 - Rewind | 16 - Waveband selection (BND) |
| 5 - Tape track seek (APC) | 17 - Bass control |
| 6 - Autoreverse | 18 - Treble control |
| 7 - Cassette eject | 19 - Front/Rear fader |
| 8 - Fast Forward | 20 - Right/Left balance (BAL) |
| 9 - Dolby noise reduction | 21 - Coded anti-theft warning |
| 10 - Frequency memorising buttons | 22 - Cassette flap |
| 11 - Automatic search | 23 - Function display |
| 12 - Autostore (MA) | |

Clarion PC 300 Operating instructions

Connecting your PC 300

The PC 300 is security coded by the manufacturer to deter would-be thieves. Before the unit can be used, its security code must be entered:

- Press the 'ON' button.

- Using the numbered buttons, enter the unit's security code. For example if the code is 2345, press buttons 2, 3, 4 and 5 successively.

The unit will now function normally until any such time that it becomes disconnected from its electrical supply (battery disconnected, fuse blown or unit removed from vehicle).

Having entered the correct code, the display will show the wave band and frequency selected.

Note: If you have attempted to enter an incorrect code, the unit will lock and the incorrect code will be displayed. At this stage the unit will not operate. To enter the correct code, the incorrect code must first be erased. Press the 'BND' (16) button until the display clears (approximately 10 seconds). Now repeat the code entry procedure taking care to enter the correct code (see page 109).



Using the tuner

The PC300 is equipped with a 2 tuners and a 2 aerial system (the second aerial is in the rear windscreen) to give improved reproduction on FM.

Finding a radio station

Using the 'BND' button, select the desired waveband.

Selecting a station

This can be done in 2 ways:

Automatically

By pressing key 11, the radio will retune, in the direction selected, to another frequency.

Note: Two brief successive touches on the key will cause 'DX' to be displayed. This indicates that the radio will now tune more sensitively allowing weak or distant signals to be selected. In normal operation, a single touch will allow all local stations to be found.

Remote control*

The 4 principal radio functions can be controlled remotely from the steering wheel.

The two buttons (on the right) control the volume. (Identical to key 1.)

The button » searches all frequencies automatically as described above. (identical to key 11.)

The 'EXM' button searches the stored frequencies. (Identical to key 13.)

Manually

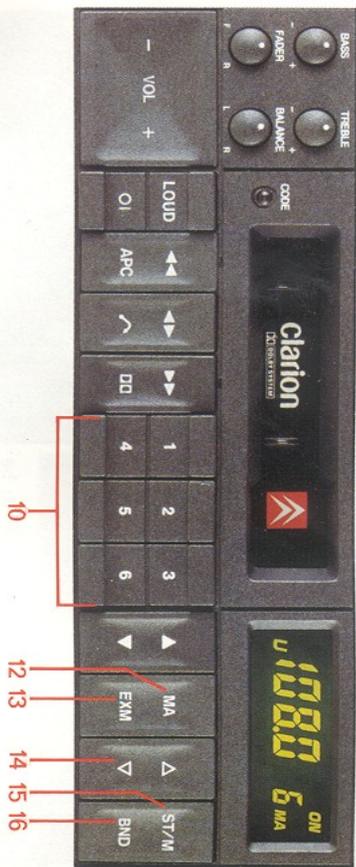
Tuning changes can be made in the appropriate direction by pressing key 14.

Storing a station

Having selected the stations as described, they can be stored by pressing continuously one of the numbered buttons (choose which) until the sound output disappears. Sound output will return after two seconds and the station will be stored in the memory.

Using this procedure you can store:

- 6 MW stations.
- 6 FM stations on U1.
- 6 FM stations on U2 by autostore.
- 6 LW stations.



Autostore (6 FM stations) (12 - MA)

The PC 300 can 'autostore' 6 stations on band U2. To use the autostore function, press button 'MA' for 2 seconds the display will show that the frequencies are being scanned and stored in the numbered memories (1 - 6). Having stored 6 stations the display will stabilize and by pressing a numbered button, a stored station will be selected.

It is possible to limit the range of the autostore function by setting the start point of its search. To do this, select the desired start point with the manual controls and then activate the autostore function as described above. This makes it possible, for example, to select 6 stations manually from 87.6 Mhz to 97 Mhz on Band U1 and to autostore 6 stations from 97 Mhz to 108 Mhz on Band U2.

The 'MA' function (12) can also be used manually to enable 12 FM stations to be stored - 6 on Band U1 as described and 6 on Band U2, in the following way.

Select Band U1, press briefly 'MA', Band U2 will be selected.

Tune the radio to the first 6 desired stations and store them. Reselect Band U1 and select and store 6 more stations.

We advise those who travel widely to store their favourite 6 stations on Band U1 and use 'MA' Band U2 to obtain 6 stations local to their current position.

Examining the memory (EXM) (13)

By pressing the 'EXM' button, the unit will cycle through the 6 stored stations in 5 second intervals. The unit will stop automatically when all 6 stations have been displayed. The function can be stopped manually by pressing button 'EXM' again or by pressing a numbered button of your choice. The 'EXM' function can be controlled remotely from the steering wheel.

Mono-stereo function (15)

The majority of FM broadcasts are now in stereo and the stereo mode should be selected for best quality sound, however when the signal is weak and reception is poor, the reception can be improved by selecting the mono mode with the button marked ST/M.

Note: For countries with a road information network, the mono-stereo function (15) is replaced by the 'VF' function which gives access to this information network.

The mono-stereo function becomes automatic according to the quality of reception.

Cassette deck operation

Switch on the unit and insert a cassette tape (22), the tape will load and play automatically. The cassette deck has an autoreverse function which enables both sides of the cassette tape to be played without the need to turn the cassette tape over. At the end of the cassette tape, the cassette deck will automatically switch to play the reverse side. The cassette will be reversed as many times as required and may be manually controlled by pressing the button (6).

Fast forward and rewind (4)-(8)

These two functions enable the tape to be wound rapidly in either direction. Press the right-hand button (8) for fast forward and the left hand button (4) to rewind.

Dolby (9)

The Dolby function reduces background noise from the recordings and improves the quality of reproduction. Press the button to select the Dolby function, however this will only be effective if the cassette tapes were recorded using the Dolby system (9).

Metal

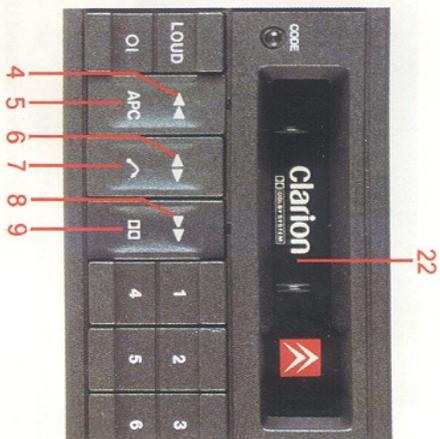
This function operates automatically; metal cassette tapes are detected by the cassette deck itself and the display will indicate when the function is in operation, 'MTL' will appear on the display.

Tape track seek (APC) (5)

This function is used to seek rapidly the beginning of the current track or the following track of the cassette tape. For this function to work effectively, there must be a gap of at least 4 seconds duration between the recorded tracks of the cassette tape. Press button 'APC' (5) (APC will appear on the display) and then the rewind (4) or fast forward (8) button to seek in the desired direction.

Cassette eject (7)

To stop the playback or to remove the cassette, press the eject button (7), the cassette will be ejected automatically. Do not switch the unit off without first ejecting the cassette tape. To protect the cassette tapes, they should be stored in their boxes.



Sound controls

Adjusting the volume

The volume is controlled by pressing buttons marked (+) to increase and (-) to reduce. The buttons can be pressed continuously or repeatedly, and can also be controlled from the steering wheel.

Adjusting bass and treble controls (17) - (18)

To increase or reduce the bass and treble levels, press once on the appropriate button and then rotate it in the required direction. Push the buttons back in when the levels are correct. You will notice that the central position is identified by a notch. In this position no boost or suppression of the reproduction will take place.

Right/left balance (BAL) (20)

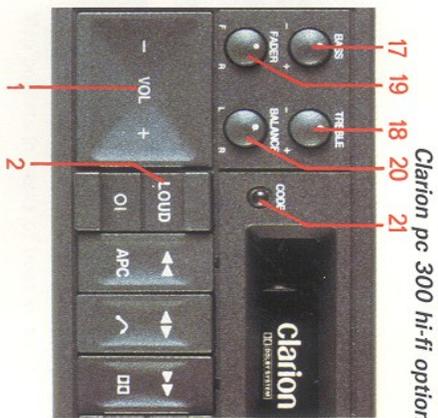
Press the balance button once. Rotate in the required direction and push back in when the desired setting is obtained.

Front/rear Fader (19)

This controls the output level of the front and rear speakers and is controlled in the same way as the balance control.

Loudness (LD) (2)

This control is used when the programme sound level is low and will boost the bass and treble outputs.



Coded anti-theft function - visual indication of operation (21)

The PC 300 can flash a red warning lamp which warns that the unit is security protected. This deters the would-be thief. To initialize this function, switch off the ignition and remove the key; make sure the PC 300 is switched off and then press the button (BND) (16) until the red lamp lights. The lamp will then flash its warning every time the ignition is switched off. To cancel the function repeat the above operation only this time press the (BND) button until the lamp is switched off.

Note: In the event of any malfunction, please consult your nearest CITROEN dealer.

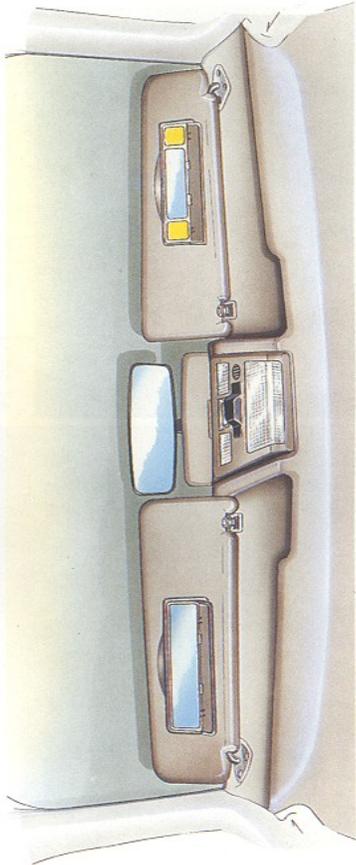
Important: Should it be necessary to remove the radio from the vehicle for repair, please advise the dealer of the security code.

If your dealer has carried out repairs or routine maintenance to your vehicle, it may have been necessary to disconnect the battery. In such circumstances the vehicle will be returned to you with the radio inoperative. Enter the security code to enable the radio to be used (see page 109).

Maintenance

It is necessary to use a tape head cleaner regularly (once every 50 hours of use of the cassette deck). Use a good quality tape head cleaner.



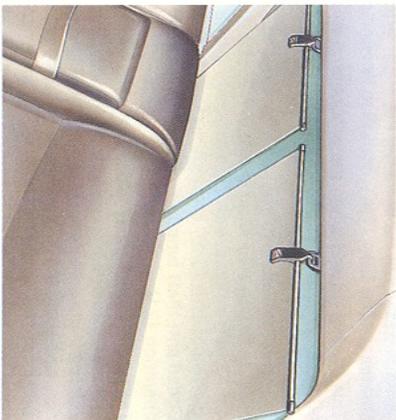


Sun visors *

The adjustable passenger's and driver's sun visors may be fitted with a courtesy mirror and cover.

The passenger's side may be illuminated, ignition on, on opening the cover.

A third centre sun visor is provided for the space above the rear view mirror.



Rear blinds

Extend the blind by pulling on the grip. Engage in the housing in the roof.



Storage

Document pack holder: owner's handbook - maintenance and anticorrosion guide - CITROËN dealer directory. To remove, pull down.

* According to model.



Storage space *

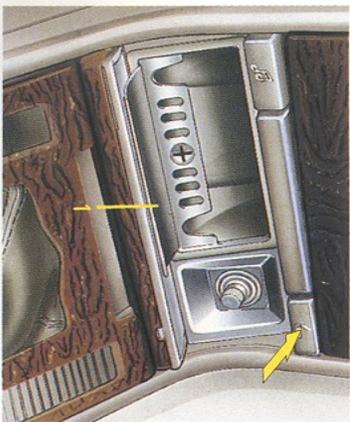
Raise the cover of the armrests of front or rear doors.

A space is provided under the centre armrest. Map pockets in backs of front seats.

Ashtrays - Cigar-lighters

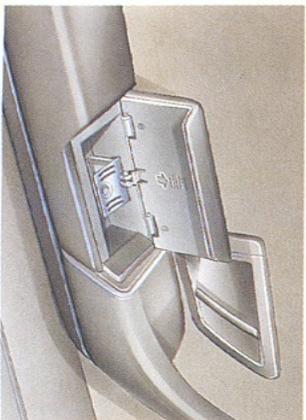
Front console

- To open, press button. It will open automatically.
- To empty the ashtray, push the lid at 1 to release ashtray. Lift ashtray from housing.
- To refill: locate the ashtray and push fully home. Raise the cover to close.



Rear door

Raise the cover. To empty, pull the cover up.



Rear console

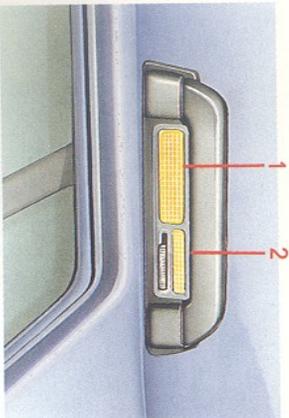
Lower the cover. To empty, pull the ashtray towards you. 12 volt accessory socket 2.



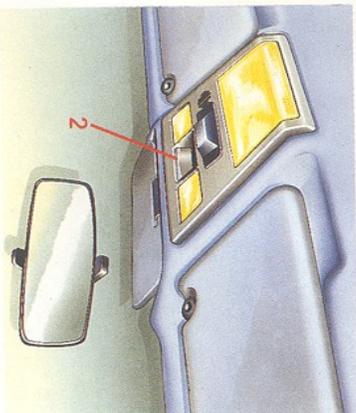
* According to model.



One interior lamp on the roof console.
Left and right front spotlights operated by switch 2.



Two rear interior lamps 1 situated in the grab handle mountings.
Two rear spotlights 2 situated in the grab handle mountings and operated by the sliding switch.

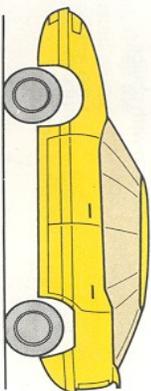


Interior lamps*
Light up by pressing switch 1 or when any of the doors are opened, they will extinguish progressively after a timed delay.
To avoid unnecessary current drain of the battery when the ignition is off (interior lamp or boot lamp left on) an automatic timer is fitted. This timer will switch off the interior lighting after a period of ten minutes. To revert to normal interior lighting operation, switch off the lamp concerned.

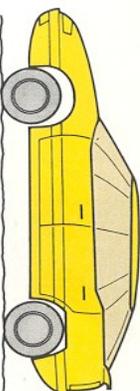
Lighting of the boot when the tailgate is open.
Lighting of the door apertures on door opening.
Lighting of the underbonnet* when opening with sidelamps switched on.

* According to model.

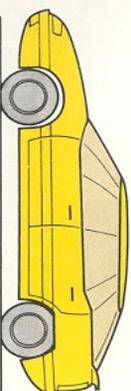
Adjustable ground clearance to cater for different surface conditions. Except for certain unusual conditions, normal ride height should be used. The ride height is maintained automatically, regardless of load while the engine is running. Lift the knob on the control lever to allow the lever to be moved from one position to another.



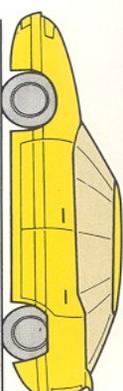
Maximum height
For wheel changes, check of hydraulic fluid. May be used to clear very difficult obstacles, but proceed carefully at very low speeds. There is no suspension movement in this position.



Intermediate height
For rough roads, providing increased ground clearance; proceed carefully at reduced speeds.



Normal ride height.



Minimum height
For workshop use only; do not use while driving.



Warning

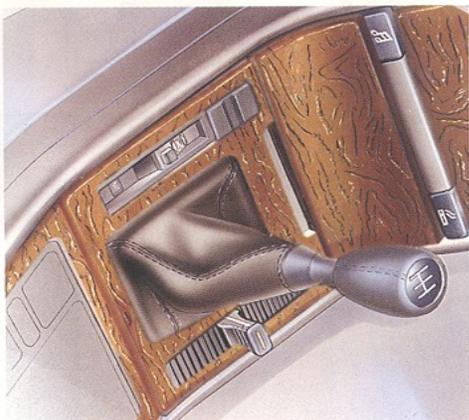
When working under the vehicle, it must be supported by axle stands.

'Hydractive' suspension*

The electronically controlled hydropneumatic suspension provides you with choice of modes: Automatic - Sport.

Press the selector slider in the centre console and move to the desired position.

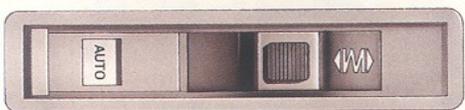
The change can be made whilst driving or when stationary.



'AUTO' position

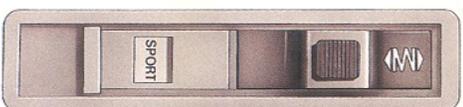
Normal driving position providing automatically the best comfort and handling.

Soft suspension, for a smooth and supple ride changing automatically to the firm SPORT mode to suit driving conditions and outside influences.



'SPORT' position

(Instrument panel warning lamp on continuously)
Firm suspension.



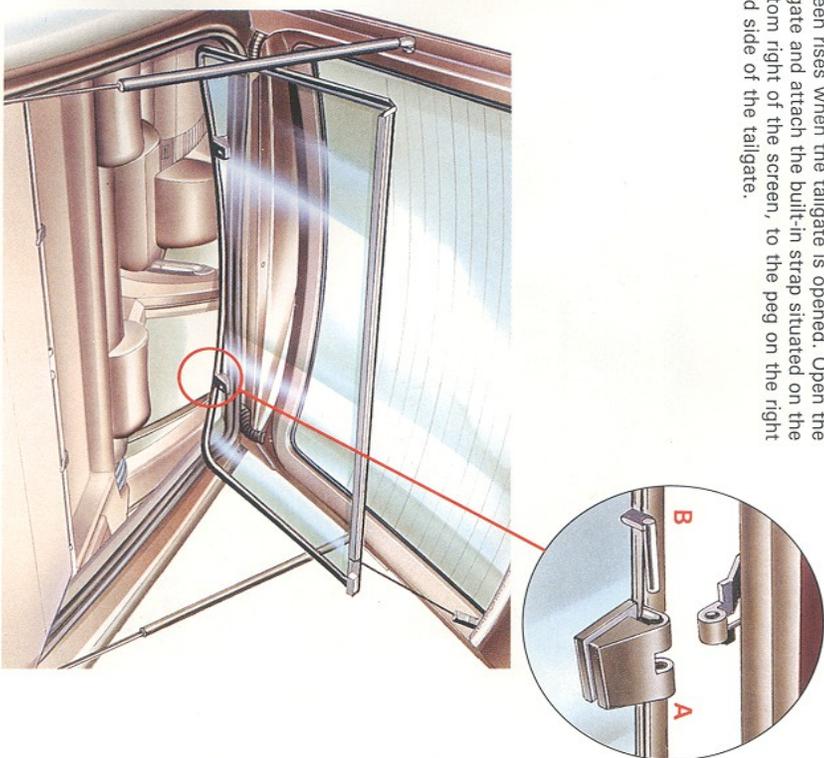
* According to model.

Inner rear glass*

When the tailgate is open, an additional rear glass screen keeps the interior enclosed.

Three possibilities:

- 1 - Screen fixed in position.
- II - Screen rises when the tailgate is opened. Open the tailgate and attach the built-in strap situated on the bottom right of the screen, to the peg on the right hand side of the tailgate.



III - The screen can be removed to allow the loading of large objects.

To remove it, push in **A** then pull **B** to take the pins out of the hinges.

This screen is toughened glass; handle it with care when removing and avoid any knocks.

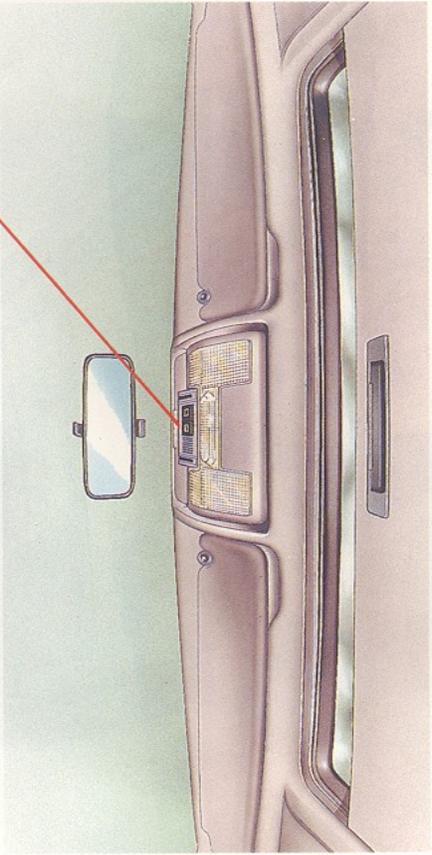
* According to model.

Opening roof*

The opening roof has two functions: tilting up at the rear and sliding.

Interior blind

The blind can be slid forwards or backwards manually. A deflector moves into position automatically as the roof is opened.



Press the left hand switch to raise the rear of the opening roof or to close it from the open position.

Press the right hand switch to lower the rear of the opening roof from the raised position or to open it from the closed position.

The switch should be released and then pressed again to change from one function to another.



In the event of electrical failure: see page 100.

* According to model or option.

Pages

Checks and levels, under bonnet	66 - 77
Priming the diesel fuel system, winter precautions	78 - 79
Recommended lubricants	80
Maintenance of the bodywork	81
Maintenance of the passenger compartment	82

Topping up the cooling system

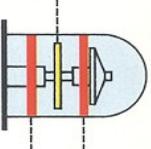
Engine hot: wait 15 minutes or until the temperature is below 100 °C and then unscrew the pressure cap slowly until you reach the safety stop to allow the pressure to drop. Remove the cap and top up. The water level should be 2 cm above the red level indicator inside the tank.



If adding more than 1.5 litre, have the cooling system checked by a CITROËN dealer.

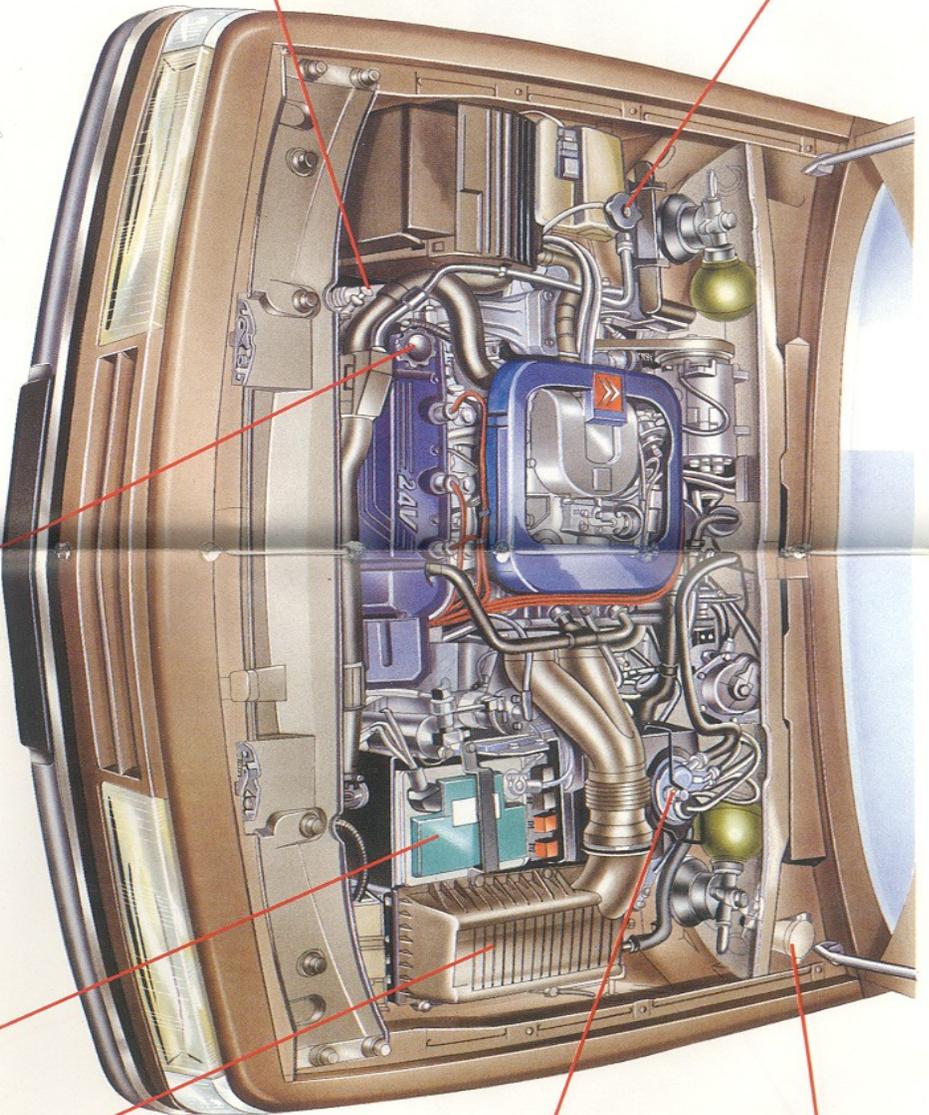
Note: The need to top-up frequently indicates that something is wrong. Have the cooling system checked as soon as possible. The antifreeze should only be changed by a CITROËN dealer.

Windscreen and rear screen wash reservoir
Capacity: 4.5 litres (8 pints).
For best results, use only the additive recommended by CITROËN.



Topping-up the hydraulic reservoir
The yellow disc must be between the two red rings. Check with the car in maximum height and with the engine running.
Use only green TOTAL LHM PLUS hydraulic fluid.
In case of emergency, engine oil SAE 10 or 20 can be used, but must be changed as soon as possible.
Consult a CITROËN dealer.

Manual engine oil dipstick
The oil level must never exceed the maximum. Difference between min.-max.: 2 litres (3.5 pints). Check at regular intervals.



Engine oil level

STOP - check the level with the dipstick, on level ground, after the engine has been off for at least 10 minutes. After topping-up switch the ignition on and check the level on the gauge.



Engine oil filler
Oil grade (refer to page 80).



Battery
Ref: 12 V - 300 A.



Air filter
Follow the recommendations in the maintenance guide.

Topping up the cooling system

Engine hot: wait 15 minutes or until the temperature is below 100 °C and then unscrew the pressure cap slowly until you reach the safety stop to allow the pressure to drop. Remove the cap and top up. The water level should be 2 cm above the red level indicator inside the tank.

If adding more than 1.5 litre, have the cooling system checked by a CITROËN dealer.

Note: The need to top-up frequently indicates that something is wrong. Have the cooling system checked as soon as possible.

The antifreeze should only be changed by a CITROËN dealer.



Manual engine oil dipstick

The oil level must never exceed the maximum.

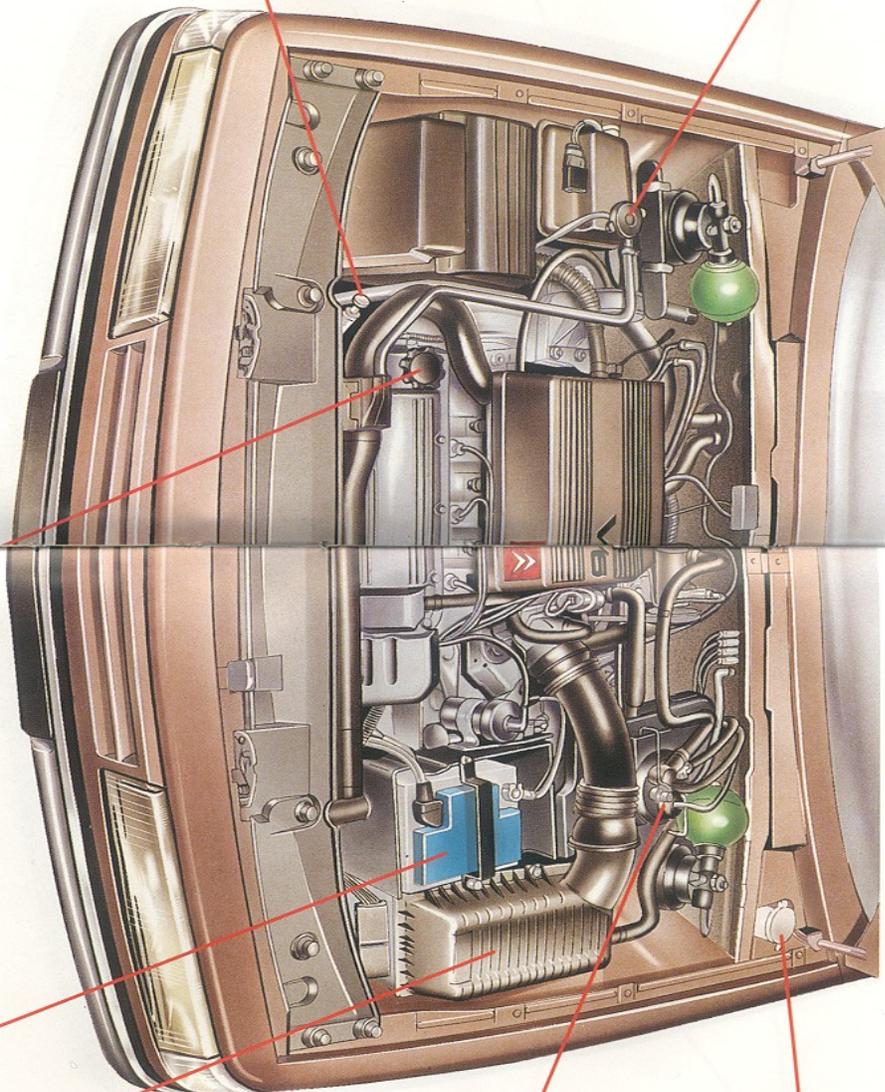
Difference between min.-max.: 2 litres (3.5 pints).

Check at regular intervals.

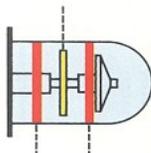


Engine oil level

STOP - check the level with the dipstick, on level ground, after the engine has been off for at least 10 minutes. After topping-up switch the ignition on and check the level on the gauge.



Windscreen and rear screen wash reservoir
Capacity: 4.5 litres (8 pints).
For best results, use only the additive recommended by CITROËN.



Topping-up the hydraulic reservoir
The yellow disc must be between the two red rings. Check with the car in maximum height and with the engine running.
Use only green TOTAL LHM PLUS hydraulic fluid.
In case of emergency, engine oil SAE 10 or 20 can be used, but must be changed as soon as possible.
Consult a CITROËN dealer.

Air filter

Follow the recommendations in the maintenance guide.

Engine oil filler
Oil grade (refer to page 80).



Battery
Ref: 12 V - 300 A.



Topping up the cooling system
(with air conditioning option)



Engine hot: wait for 15 minutes or until the temperature is below 100 °C and then unscrew the pressure cap slowly until you reach the safety stop to allow the pressure to drop. Remove the cap and top up. The water level should be 2 cm above the red level indicator inside the tank. If adding more than 1 litre, have the cooling system checked by a CITROËN dealer.
Note: The need to top-up frequently indicates that something is wrong. Have the cooling system checked as soon as possible.
The antifreeze should only be changed by a CITROËN dealer.

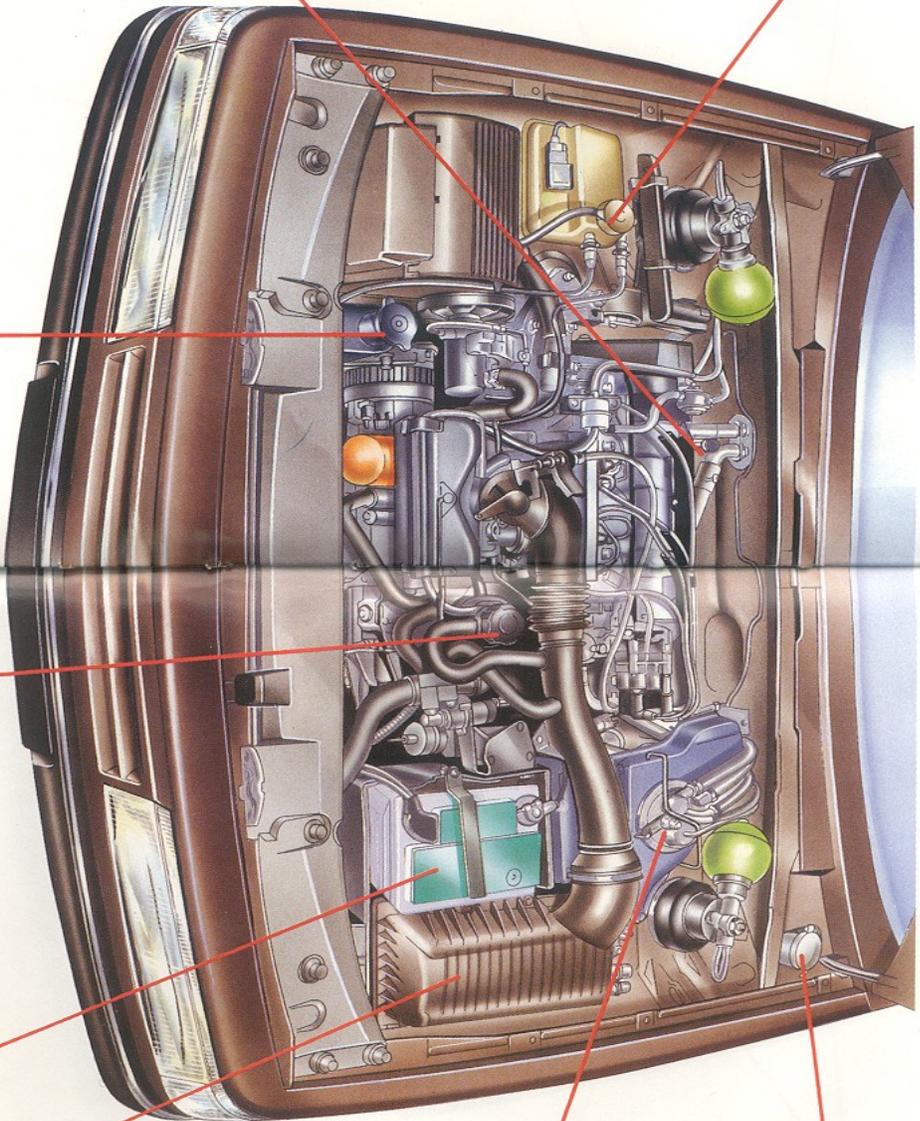
Manual engine oil dipstick



The oil level must never exceed the maximum. Difference between min.-max.: 1.5 litre (2.5 pints). Check at regular intervals.

Engine oil level

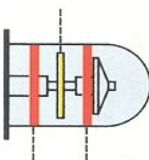
STOP - check the level with the dipstick, on level ground, after the engine has been off for at least 10 minutes. After topping-up switch the ignition on and check the level on the gauge.



Windscreen and rear screen wash reservoir
Capacity: 4.5 litres (8 pints).
For best results, use only the additive recommended by CITROËN.



Topping-up the hydraulic reservoir
The yellow disc must be between the two red rings. Check with the car in maximum height and with the engine running. Use only green TOTAL LHM PLUS hydraulic fluid.
In case of emergency, engine oil SAE 10 or 20 can be used, but must be changed as soon as possible. Consult a CITROËN dealer.



Topping-up the cooling system
(without air conditioning option).

Engine oil filler
Oil grade (refer to page 80).



Air filter
Follow the recommendations in the maintenance guide.

Battery
Ref: 12 V - 300 A.



2-litre carburettor engine

Topping-up the cooling system (with air conditioning option)

Engine hot: wait for 15 minutes or until the temperature is below 100 °C and unscrew the pressure cap slowly until you reach the safety stop to allow the pressure to drop. Remove the cap and top up. The water level must be 2 cm above the red level indicator inside the tank.

If adding more than 1 litre, have the cooling system checked by a CITROËN dealer.

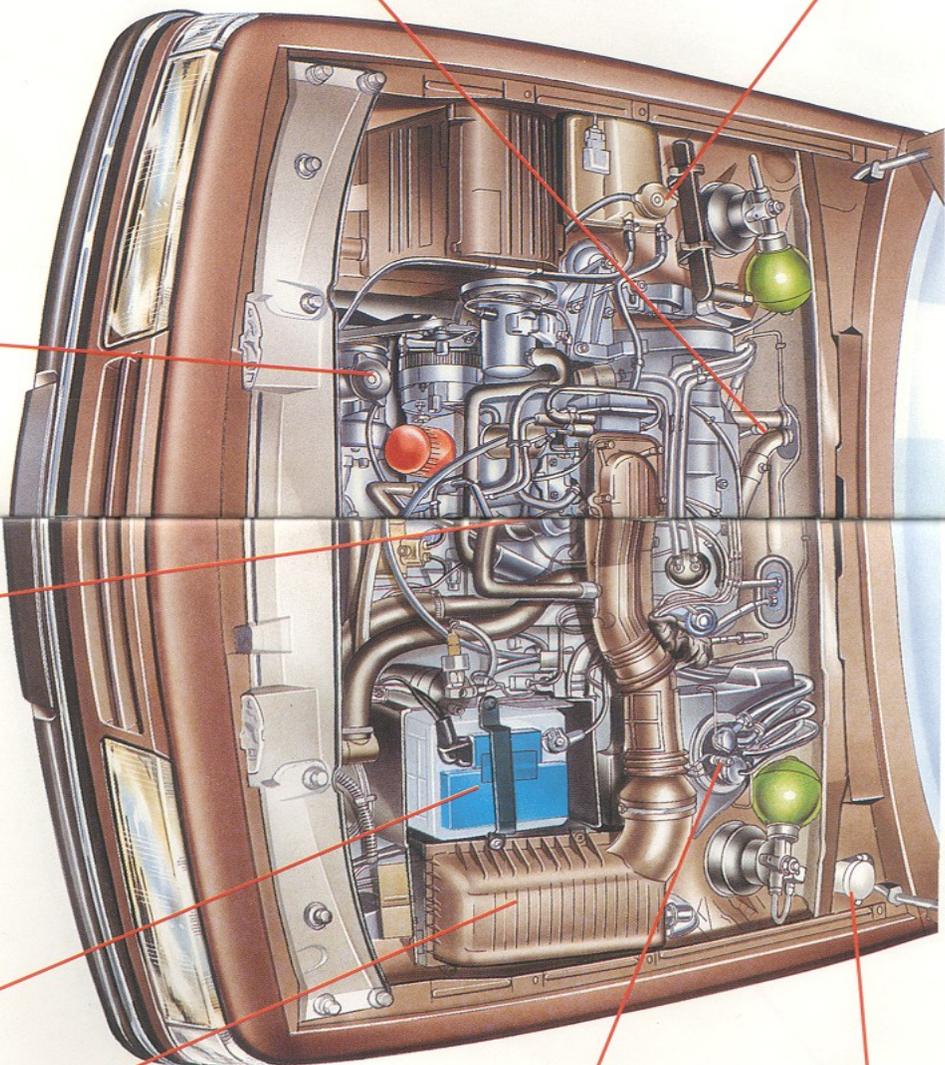
Note: The need to top-up frequently indicates that something is wrong. Have the cooling system checked as soon as possible.

The antifreeze should only be changed by a CITROËN dealer.



Manual engine oil dipstick

The oil level must never exceed the maximum. Difference between min.-max.: 1.5 litre (2.5 pints). Check at regular intervals.



Topping-up the cooling system (without air conditioning option).



Engine oil filler
Oil grade (refer to page 80).

Checks, levels

Windscreen and rear screen wash reservoir
Capacity: 4.5 litres (8 pints).

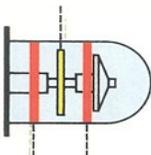
For best results, use only the additive recommended by CITROËN.



Topping-up the hydraulic reservoir
The yellow disc must be between the two red rings. Check with the car in maximum height and with the engine running.

Use only green TOTAL LHM PLUS hydraulic fluid.

In case of emergency, engine oil SAE 10 or 20 can be used but must be changed as soon as possible. Consult your CITROËN dealer.



Air filter

Follow the recommendations in the maintenance guide.



Battery
Ref: 12 V - 300 A.

Topping up the cooling system (with air conditioning option)



Engine hot: wait for 15 minutes or until the temperature is below 100 °C and then unscrew the pressure cap slowly until you reach the safety stop to allow the pressure to drop. Remove the cap and top up. The water level should be 2 cm above the red level indicator inside the tank. If adding more than 1 litre, have the cooling system checked by a CITROËN dealer.

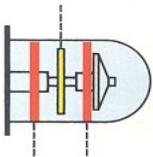
Note: The need to top-up frequently indicates that something is wrong. Have the cooling system checked as soon as possible. The antifreeze should only be changed by a CITROËN dealer.

Manual engine oil dipstick



Topping-up the cooling system (without air conditioning option).

Windscreen and rear screen wash reservoir
Capacity: 4.5 litres (8 pints).
For best results, use only the additive recommended by CITROËN.



Topping-up the hydraulic reservoir
The yellow disc must be between the two red rings. Check with the car in maximum height and with the engine running. Use only green TOTAL LHM PLUS hydraulic fluid. In case of emergency, engine oil SAE 10 or 20 can be used, but must be changed as soon as possible. Consult a CITROËN dealer.

Air filter

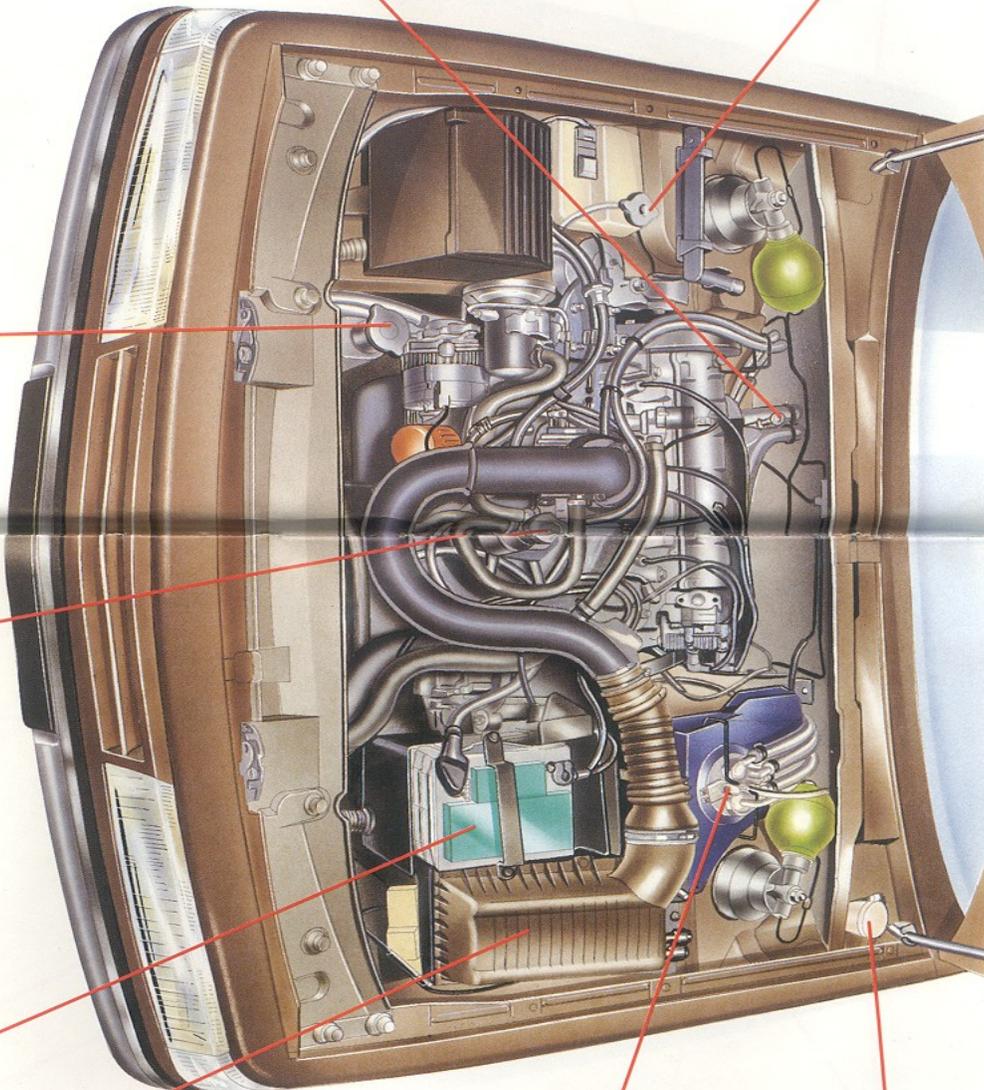
Follow the recommendations in the maintenance guide.



Engine oil filler
Oil grade (refer to page 80).



Battery
Ref: 12 V - 300 A.



Topping-up the cooling system
(with air conditioning option)

Engine hot: wait for 15 minutes or until the temperature is below 100 °C and then slowly unscrew the pressure cap until you reach the safety stop to allow the pressure to drop. Remove the cap and top up. The water level should be 2 cm above the red level indicator inside the tank.
If adding more than 1 litre, have the cooling system checked by a CITROËN dealer.

Note: The need to top-up frequently indicates that something is wrong. Have the cooling system checked as soon as possible.
The antifreeze should only be changed by a CITROËN dealer.



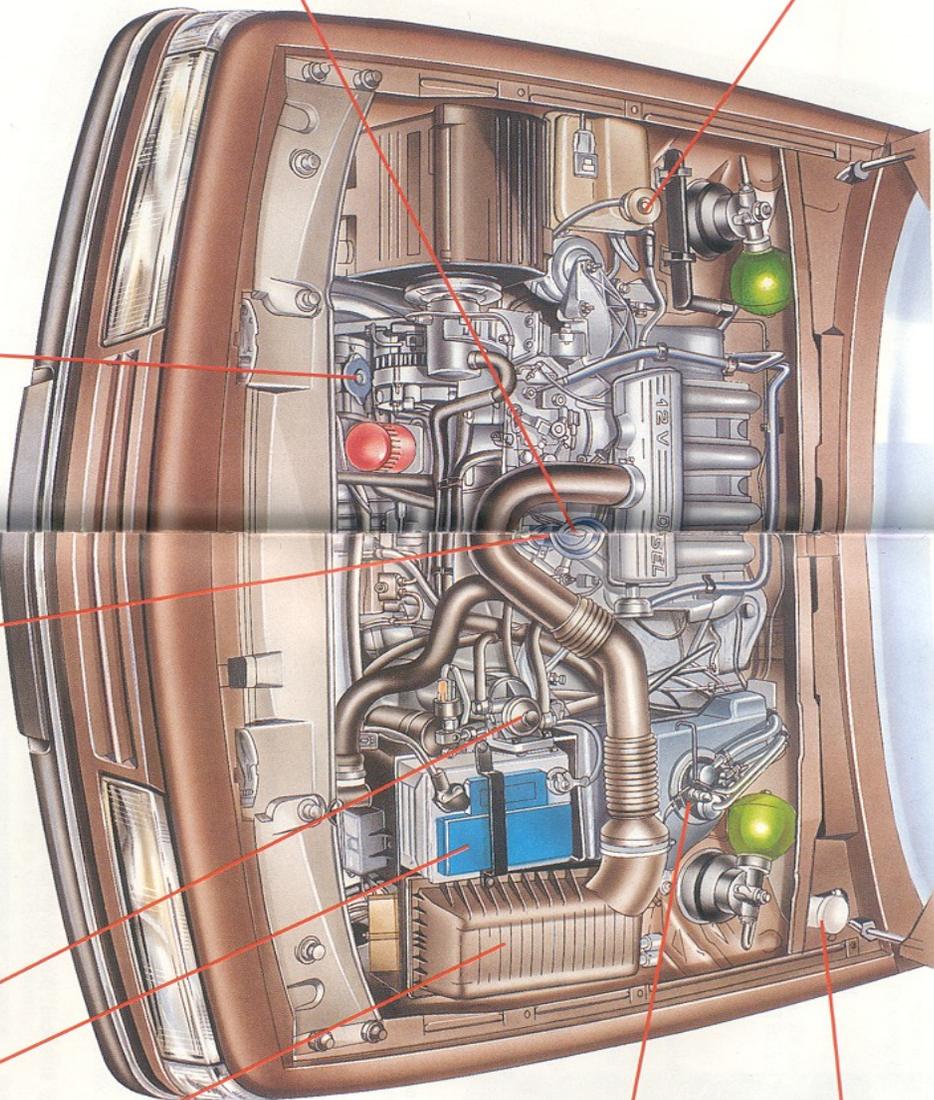
Manual engine oil dipstick

The oil level must never exceed the maximum. Difference between min.-max.: 2,8 litre (4,7 pints). Check at regular intervals.



Engine oil level

STOP - check with the dipstick, on level ground, after the engine has been off for at least 10 minutes.
After topping-up switch the ignition on and check the level on the gauge.



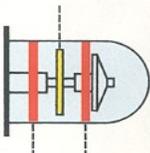
Topping-up the cooling system
(without air conditioning option).

Engine oil filler
Oil grade (refer to page 80).

Windscreen and rear screen wash reservoir
Capacity: 4,5 litres (8 pints).
For best results, use only the additive recommended by CITROËN.



Topping-up the hydraulic reservoir
The yellow disc must be between the two red rings. Check with the car in maximum height and with the engine running.
Use only green TOTAL LHM PLUS hydraulic fluid.
In case of emergency, engine oil SAE 10 or 20 can be used, but must be changed as soon as possible.
Consult a CITROËN dealer.

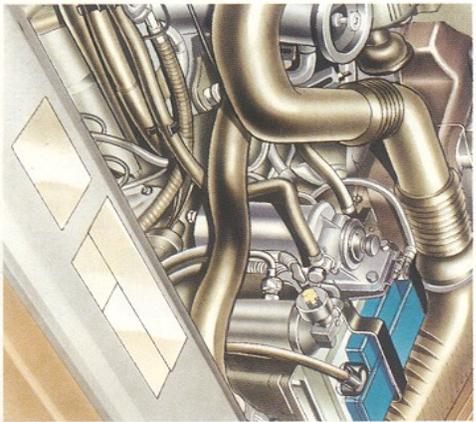


Air filter
Follow the recommendations in the maintenance guide.

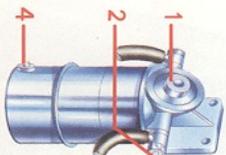
Battery
Ref: 12 V - 300 A.



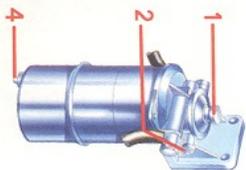
Priming the fuel system
Refer to page 78.



Roto-diesel



Purflux



Priming the fuel system

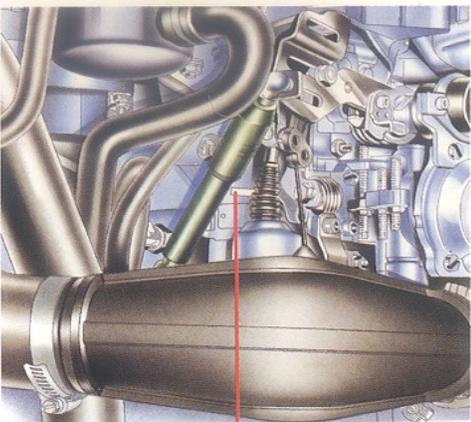
Priming after running out of fuel:
With the vehicle stationary on level ground, turn the ignition on, then pour at least 2 litres of fuel in the tank.

The vehicle is fitted with either a Roto-diesel or a Purflux filter, unscrew the bleed screw (2) a few turns and operate the head of the plunger (1) until some resistance is felt.

Operate the starter motor for 15 seconds while depressing the accelerator pedal by three quarters its full travel. If the engine fails to start at the first attempt, wait 15 seconds.

If the engine fails to start after about ten attempts, repeat the procedure from the beginning. When the engine is idling, accelerate slightly to complete the bleeding of the circuit.

Manual control for stopping the engine
In the event of failure of the electrical stop solenoid, push lever (3) to stop the engine.



Do not remove the seals on the pump setting screws under any circumstances. Alteration of the settings might lead to early engine failure and loss of warranty cover.

Injectors

If something seems wrong - knocking, roughness, black smoke from exhaust, difficulty in starting - have the injectors checked by a CITROËN dealer.

Draining water from the fuel filter

Drain the fuel filter at every engine oil change and whenever the water-in-fuel warning lamp lights.

If the vehicle is fitted with a Roto-Diesel filter:

Loosen the drain screw (4) situated under the filter and pump any water out.

If the vehicle is fitted with a Purflux filter:

Unscrew the drain screw situated under the filter and pump any water out.

In both cases, keep pumping until all water has been expelled.

Winter precautions

Radiator

The original cooling liquid contains antifreeze (the minimum protection temperature is marked on a label under the bonnet).

Have the liquid changed every two years, at the beginning of the cold season. This operation must be performed by a CITROËN dealer.

Diesel fuel heater

Your vehicle is equipped with a fuel heating device in the engine compartment.

However to avoid waxing of the fuel in the tank affecting your engine:

- For temperatures below -5 °C, use the fuel additive supplied through the CITROËN network.
- To ensure thorough mixing, the fuel additive must be poured into the tank before refuelling.

Lubricants*

Petrol engine
TOTAL QUARTZ 10 W 40 or
TOTAL GOLD 15 W 40 (all year around).

Diesel engine
All year around:
TOTAL DIESEL OIL 15 W 40

Manual gearbox
TOTAL TRANSMISSION BV 75 W/80 W.

Automatic gearbox
TOTAL DEXRON II.

Hydraulic system
Use only TOTAL LHM PLUS fluid.
In an emergency an SAE 10 or SAE 20 engine oil can be used, but should be changed as soon as possible.
See your CITROËN dealer.

Coolant
In order to provide antifreeze and anticorrosion protection for the engine, use only antifreeze recommended by the CITROËN network. This fluid should be replaced every 60,000 km (40,000 miles) or every two years, whichever comes first.
Note: The degree of protection afforded by the original coolant is given on a label forward of the radiator.

* According to model.

CITROËN prefers TOTAL

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

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

This collaboration was symbolized in 1967 by the slogan:
"CITROËN prefers TOTAL."

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

TOTAL partners CITROËN
- YOUR PARTNER -

You will find in this Owner's Handbook the description of the TOTAL products which will guarantee the best operation of your vehicle, and for its maintenance.



Maintenance of the bodywork

Never dry-wipe the bodywork.
Never use petrol, paraffin, trichlorethylene, alcohol or strong bleaches for cleaning paintwork, plastics, glass or lamp covers.

Washing the bodywork

Frequent washing is necessary to keep the paintwork in good condition. However, do not wash the car in direct sunshine or at too low a temperature. In all cases, wait until the surfaces have cooled. The body must be wetted abundantly. If you use a car-shampoo, rinse it thoroughly. Wipe dry with a chamouis leather. Do not leave drops of water on the paint. When driving away, apply the brakes briefly several times to remove any water from the friction linings.

Cleaning glass

Do not use products containing silicones. To obtain the best screen-wipe, use only the screen-wash additive distributed by the CITROËN network.

Polishing paint

Polish the paint at the end of winter. The bodywork must be completely dry and clean. Use only slightly abrasive polishing liquid or cream.
Do not apply any polish on plastic parts.

External metal embellishments

Wash clean with water containing soap or a small amount of a detergent or car-shampoo, rinsing well before and after with plenty of clean water. To keep the metal bright, dry it and use a protective polish.

Tar-stains on bodywork

Remove these as soon as they appear, using a special tar-remover, do not scrape them off or use petrol.

Stains and fuel on bumpers

Remove these as soon as they appear, using a special tar-remover.

Slight paint-damage

To touch-in scratches or slight damage use aerosols of air-drying paint. Aerosols with all CITROËN colours are available (the paint-code of each car is stencilled on the left-hand front wheelarch under the bonnet).

For under-car areas

Consult your CITROËN dealer.

For the upkeep of the bodywork use the products adapted and sold by the CITROËN network.



Recommendation

When using high pressure washing equipment do not direct the jet at the rubber gaiters of the drive shafts, steering, etc., nor the exterior trim, roof joint or engine radiator.

Notwithstanding the factory applied anti-corrosion treatment, you are recommended to have the engine compartment and underbody cleaned and retreated after a winter season of driving on salted roads.

Note: Solvents can have harsh effects on the synthetic materials used in upholstery. They must therefore be used sparingly. Whenever possible, use only a solution of soap in water. Always remove dust before cleaning.

Stain-removers

In every case follow the maker's instructions. You are recommended to first test a hidden part or a sample cutting. Spirits and solvents should **not** be used on leather trim. The panels in wood should be cleaned with a solution of soap and water. Because of the large glass area, long periods of exposure to the sun can have a detrimental effect on the trimming. In such conditions you are advised to cover the rear shelf and the top of the rear seat to protect them from the harmful ultra-violet rays.

Recommendation

Do not expose aerosol cans to temperatures above 50 °C; do not keep them in the car.

Recommendations for saving fuel	84 - 85
Battery, replacing the batteries of the remote control	86 - 87
Fuses	88 - 89
Replacing front bulbs	90 - 91
Replacing rear bulbs	92
Replacing interior bulbs	93
Changing a wheel	94 - 95
Tyres (types and recommendations)	96 - 97
Towing, lifting the vehicle	98
Roof rack	99
Opening roof	100
Safety recommendations	101

Recommendations for saving fuel

Fuel consumption is not only tied to the conception and the technical design of a vehicle, it also depends on the driver. The following recommendations will help to improve your fuel consumption.



Always keep your vehicle in good order

Follow the maintenance guide recommendations of the manufacturer. As well as the maintenance, checks and fluid changes, remember to check regularly the condition of the units which affect the fuel consumption.

Engine adjustments

It is recommended to check at least once a year the essential units in the ignition and fuel systems.

Ignition *

- correct spark plug gaps,
- correct ignition timing.

Air filter

A dirty filter element will reduce engine performance: replace it according to frequency indicated in the maintenance guide and if the vehicle is used in a dusty environment replace it more frequently.

Fuel supply

- mechanical condition of the carburettor or the fuel injection pump, check for any air leaks.
- idling speed adjustment.*

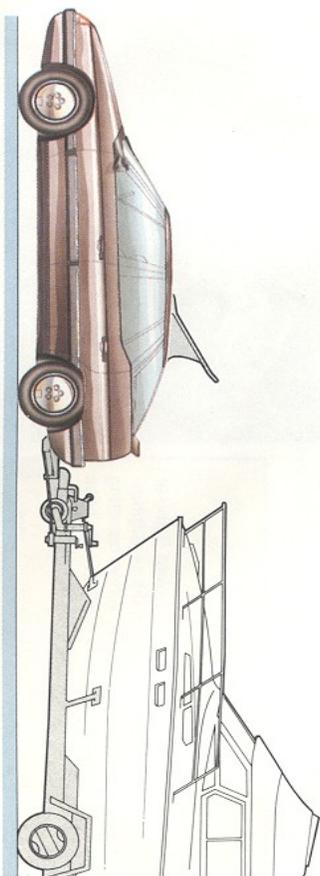
Tyre pressure check

The pressures should be checked approximately every week. Tyres with low pressures will have an added resistance to forward movement and increase the fuel consumption.



* According to model.

Recommendations for saving fuel



Load your vehicle properly

Wherever possible, avoid carrying luggage on the roofrack. If you have to, balance the load and keep its volume to the minimum. If a large load has to be carried it is advisable to use a small, low trailer. You will use less fuel. When a roof rack or bars are not used they should be removed, this also applies to caravan air deflectors. Do not leave unnecessary loads in the vehicle. They will increase your fuel consumption.

Drive with ease

Remember a few simple rules:

- **Starting**, it is not necessary to warm up the engine before starting off. Drive off slowly, accelerate gradually.

- **When driving**, use the highest gear ratio to maintain a satisfactory engine speed without the engine labouring.

Drive at an even speed. Avoid having to brake sharply. Braking and then accelerating cost fuel. Anticipate the road conditions ahead.



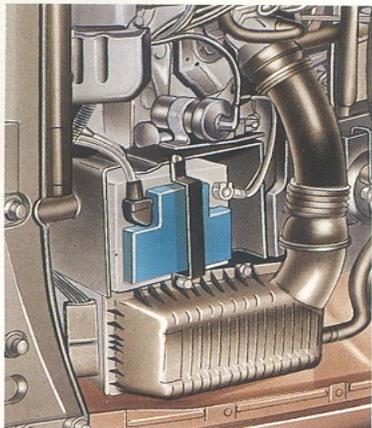
Watch your vehicle's speed

Fuel consumption increases with speed: for example, between 65 and 80 mph the consumption will increase by 25%.

Plan your journeys by car

Remember that for the first mile the fuel consumption is more than twice the normal consumption because the engine has not reached its optimum operating temperature. In town the traffic conditions are such that the fuel consumption is high. On long journeys plan your route to avoid towns and congested routes as much as possible.

Beware
Never expose a battery to a naked flame or spark. The battery contains dilute sulphuric acid which is corrosive. When handling a battery, protect hands and face. In case of contact with the skin, rinse immediately with clean water.



Removal

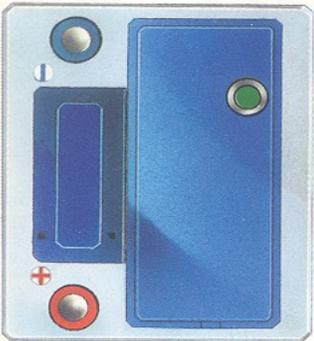
Disconnect the battery leads, negative lead first. Remove the clamp and lift out the battery.

Refitting

Connect the positive lead first. Refit the holding clamp.

Precautions

Ensure posts and terminals are clean. If they become sulphated, disconnect and clean them. Never disconnect the leads while the engine is running. Never recharge the battery without first disconnecting the leads. The electrolyte level should be checked periodically using the indicator device. In case of slight overfilling, protect the battery terminals with grease.



-  **Green:** battery charge good.
-  **Black:** battery charge low.
-  **Clear:** battery electrolyte level low.

Charging a battery

The voltage must never exceed 14.8 volts and the charging current must never exceed 20% of the rating marked on the battery casing. The battery charge period should not exceed 24 hours. Avoid any heat build-up within the battery during the charging procedure.

Completely discharged batteries may have to be connected for several hours before accepting a charge current.

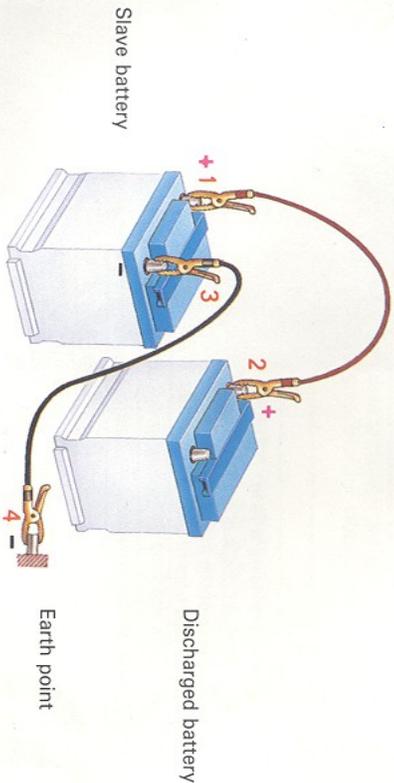
Only battery chargers with a constant, regulated voltage output should be used.

After recharging a battery leave it for an hour before reconnecting it. A spark could cause it to explode.

If the vehicle is to be taken out of use for periods of more than one month, the battery should be disconnected.

Starting with a slave battery

A vehicle with a discharged battery can be started with either a slave battery or the battery of another vehicle. Follow the procedure described below.



Do not use a slave battery of more than 12 volts.

When using the battery of another vehicle, the engine should be switched off. The two vehicles must not be allowed to come into contact with each other.

Connect the battery cables according to the diagram, following the same numerical sequence and ensuring a good contact is made.

Start the engine of the assisting vehicle and let it run at a fast idle for about a minute. Then start the engine of the vehicle with the discharged battery.

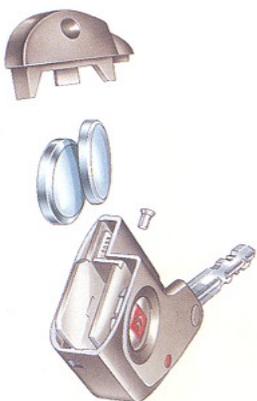
Current consumption: see page 102.

 **Note**

Do not touch the cable clamps during the procedure. Do not lean over the batteries. Disconnect the cables in the reverse order.

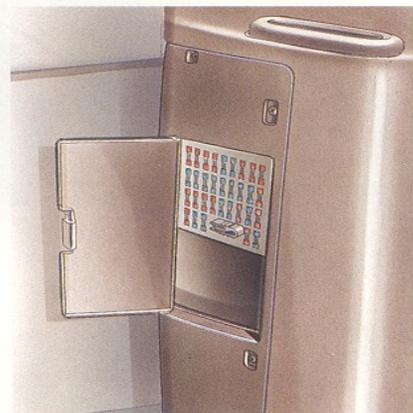
Changing the remote control batteries.

Unscrew to gain access to the batteries.



The fuse box is situated under the dashboard, left hand side.

To reach the fuses, depress the small locking tongue and pull the cover down.

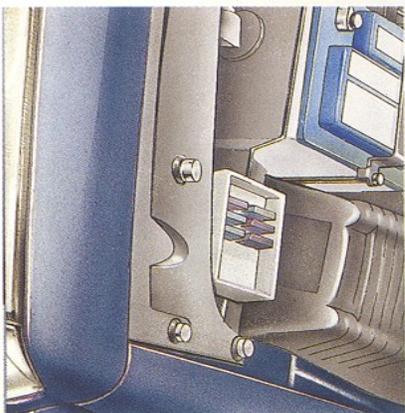


Removing and replacing a fuse

Before replacing a fuse, it is necessary to find the cause of the incident and to rectify it. The numbers of the fuses are indicated inside the fuse box.

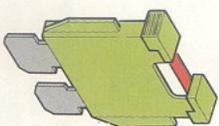
Use the special tool provided.

See table of fuses.

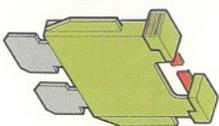


A supplementary fusebox is situated in front of the air filter under the bonnet.

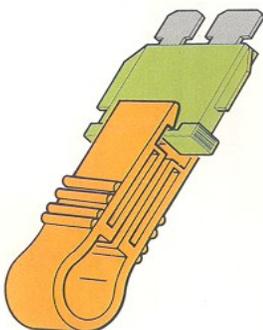
Good



Bad

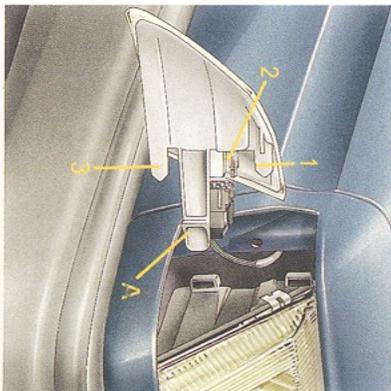


Tool



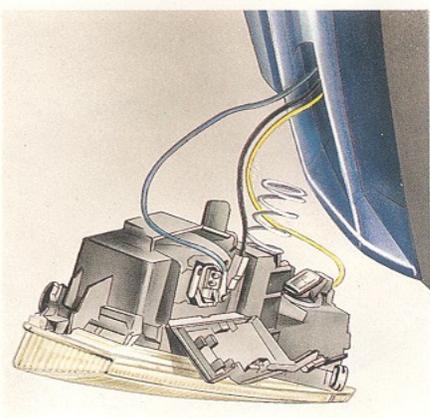
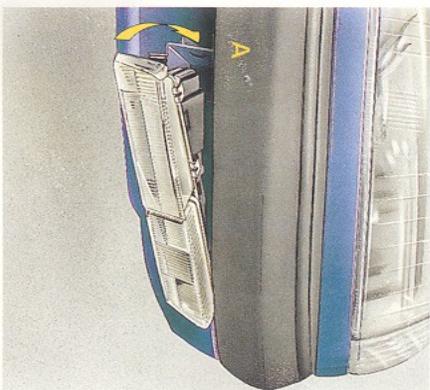
Number	Rating	Functions
F 1	10 A	Antilock Braking System.
F 2	10 A	Stop brake pad wear warning lamp.
F 3-7-8-26		Spare fuses.
F 4	10 A	Lighting for dashboard, trip-computer, dot-matrix and clock lighting.
F 5	30 A	Warning lamps, dot-matrix, electric rear view mirrors, direction indicators, trip computer (or clock), interior lighting except courtesy lamp.
F 6	5 A	Rear fog lamps.
F 9	30 A	(+ Accessories) front/rear wipers and timers, audible warning, flasher unit, heating, heated rear window timer.
F 10	5 A	Lighting for control switches, front console, under-bonnet and front sidelamps and no. plate.
F 11	5 A	Dot-matrix language selection.
F 13	10 A	Hazard warning lamps.
F 14	5 A	Rear lamp (right).
F 15	5 A	Dot-matrix language selection.
F 17	30 A	Rear heated seat, opening roof.
F 18	5 A	Rear lamp (left).
F 19	15 A	'Hydractive' suspension E.C.U.
F 21	15 A	Front fog lamps, rear fog lamps warning.
F 22	30 A	Radiotelephone.
F 23	10 A	Dashboard lighting rheostat - Reversing lamps - AC compressor - Coolant level and temperature control unit - Tachometer - Oil and water temperature sensing.
F 25	30 A	Heating - Ventilation.
F 27	20 A	Courtesy lamp/timer - Interior lighting cut-out timer - Trip computer (or clock) - Sill panel lighting - Horn.
F 28	30 A	Front electric seat (right hand side).
F 29	30 A	Front window winders.
F 30	30 A	Front electric seat (left hand side).
F 31	30 A	Rear window winders.
F 32	30 A	Headlamps wash.
F 33	30 A	Heated rear screen and rear view mirrors.
F 34	30 A	'Hydractive' suspension supply - Central door locking.
F 35	30 A	Heated front seats - electric armrest.
F 36	15 A	Cigar-lighter - 12 V socket - rear window isolator switch - Radio - Anti-theft keypad.
Under bonnet (2)		
F 1 - F 2		Not used.
F 3	30 A	RH cooling fan - high speed.
F 4	30 A	LH cooling fan - high speed - LH and RH cooling fans - slow speed.
F 5 - F 6		Not used.

* According to equipment or country.



Front sidelamps
 Open the bonnet.
 From the inside, put your hand alongside the front light unit and press in **A** to release the lamp. To reposition, locate the guides **1-2-3** and push in.

Bulb: W 5 W.

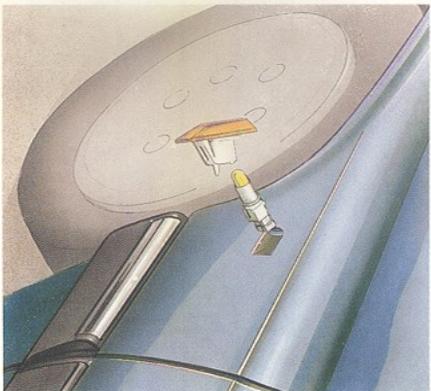
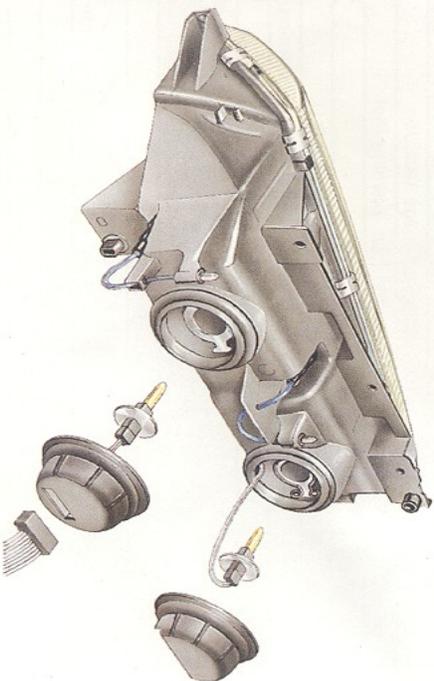


Direction indicators and front fog lamps

Headlamp (main and dipped beam)

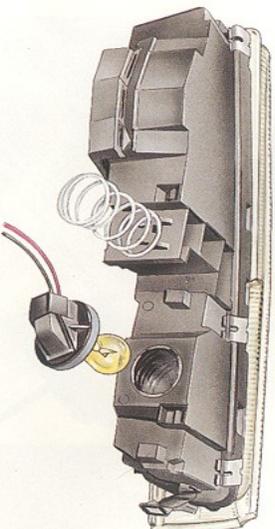
Open the bonnet.
 Remove one of the covers by turning an eighth of a turn, disconnect the bulb, release the retaining springs. Pull the bulb out.

Bulb: H1.



Side repeater direction indicator
 Push the lamp towards the rear to unclip it and pull towards you.

Bulb: W 5 W.



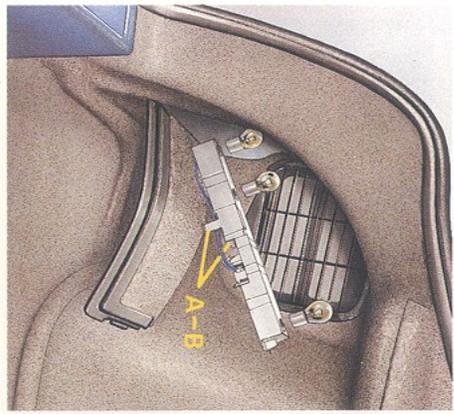
Unclip the light unit by pressing **A**. The unit will spring off.

Direction indicators: disconnect, turn the bulb holder a quarter turn then pull out.

Fog lamps: unclip the cover on the lower part of the light unit. Release the retaining springs. Remove the bulb.

Important: The halogen bulbs should not be changed until they have been off for a few minutes. Do not touch the new bulb directly with your fingers; do not use a fluffy cloth.

Replacing rear bulbs



Rear wing lamp cluster
 Unclick the boot trim by means of the grip.
 Unclick the bulb holder by squeezing **A** and **B** together and pull out.

Bulbs
 Direction indicators: P 21 W.
 Stop lamps: P 21 W.
 Sidelamps: P 21/5 W.

Rear lamps in tailgate (smoked section)

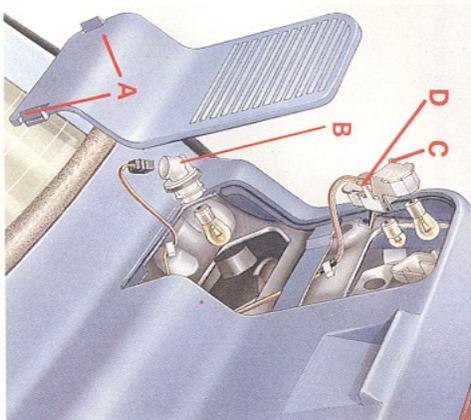
Open the boot, unclip the cover by pressing **A**.

To release the bulb holder, squeeze **C** and **D** and pull.

Bulbs
 Sidelamps: R 5 W.
 Reverse: P 21 W.

Disconnect the wires, turn the bulb holder **B** a quarter turn. Pull out the bulb holder.

Fog lamps: P 21 W.



Number plate
 Unclick the transparent cover.

Bulb: W 5 W.



Replacing interior bulbs

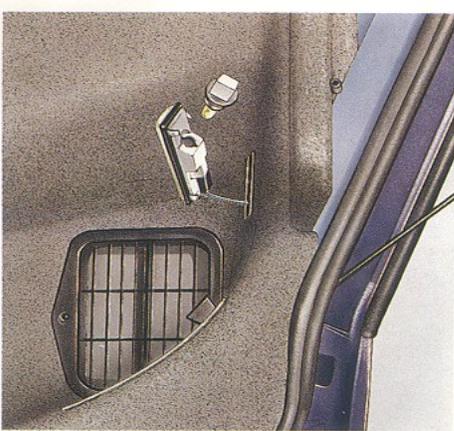
Boot lamp
 Unclick then pull the bulb holder.
 Bulb: W 5 W.

Front courtesy lamp
 Bulb: HT 5 W.

Sun visor
 Bulb: C 3 W

Rear courtesy lamp
 Bulb: HW 5 W

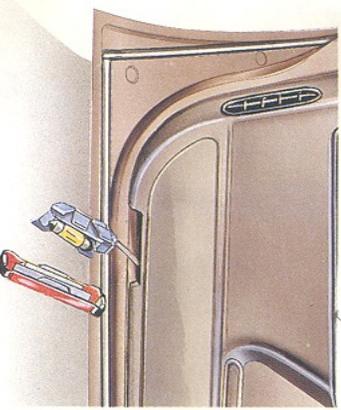
Rear spot lamps
 Bulb: W 3 W



Under bonnet lamp
 Unclick the cover.
 Bulb: R 10 W.

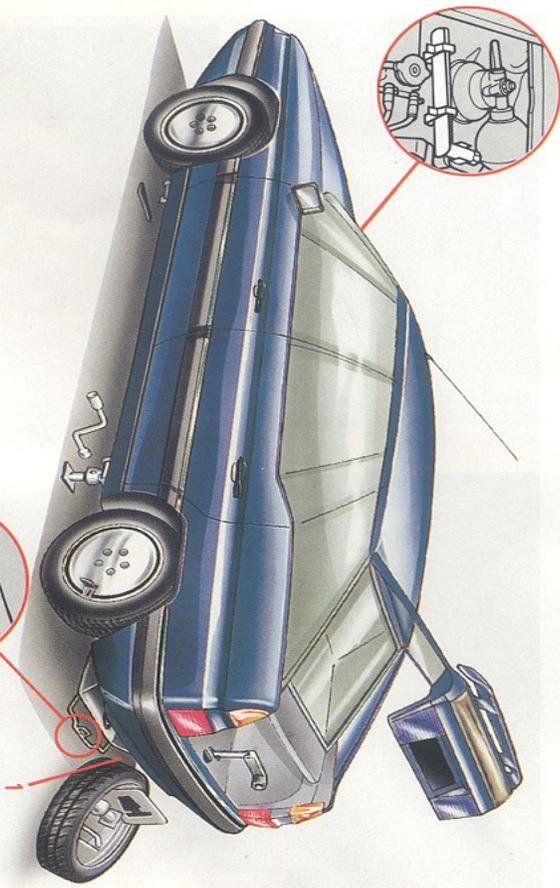


Door aperture lamp
 Unclick then pull the bulb holder.
 Bulb: C 5 W.



Tool equipment

The jack and its handle are located in a protective holder in the spare wheel under the boot floor. The wheel brace is located under the bonnet.



Access to the spare wheel

The wheel carrier retaining screw is situated under the boot carpet near the boot catch. Unscrew with the opened out end of the wheel brace.

Lift the carrier to disengage the hook and the safety catch 1.

The hook engages in position 2 for the standard spare wheel, position 3 for 205/60 R 15 tyres.



Recommendation

Refit the repaired original wheel as soon as possible.

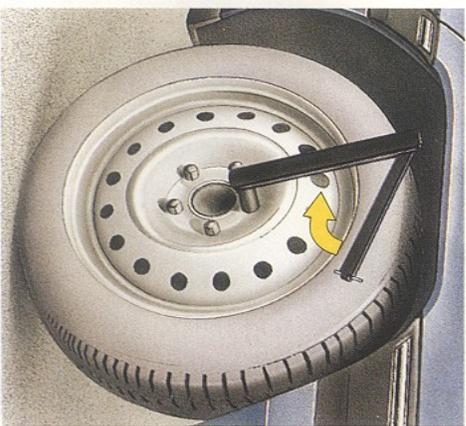


Removal

- 1 - If possible, place the car on firm, level ground. Put the handbrake on.
- 2 - Let the engine idle and set the suspension control lever to maximum height (refer to page 60).
- 3 - Remove the jacking point cover from one of the four jacking points then insert the jack. Extend the jack so that it touches the ground.
- 4 - Open the tyre valve flap in the wheel embellisher (steel wheels) using if necessary a screwdriver or a coin. To remove the wheel embellisher, pull on the metal ring with the T-shaped end of the wheel brace.
- 5 - Loosen the 5 wheel bolts using the wheel-brace (unfolded).*
- 6 - Operate the jack until the wheel is a few centimetres off the ground.
- 7 - Finish unscrewing the wheel bolts and remove the wheel.

Refitting

- 1 - Fit the wheel onto the hub, making sure that it is correctly positioned.
- 2 - Screw in the bolts, but do not fully tighten them.
- 3 - Lower the jack and remove it.
- 4 - Tighten the wheel bolts, using the wheel brace (folded).*
- 5 - Fit the wheel embellisher, lining up the tyre valve opening with the valve.
- 6 - Return the car to normal ride height (refer to page 61).
- 7 - Refit the repaired wheel as soon as possible.
- 8 - Correct the inflation pressure and have the balance checked (see the table on page 96).



Replacing the spare wheel

Replace the jack and its handle in the protective holder in the spare wheel and slide them into the carrier.

Lift the carrier up to the automatic safety catch. Engage the hook on to the spare wheel carrier according to the tyre size (refer to the illustration on page 94). Retighten the screw from inside the boot.

Put the wheel brace back in position under the bonnet.

* The wheel brace unfolds to facilitate the slackening of wheel bolts. When tightening it should be used folded to avoid over-tightening the wheel bolts.

Standard tyre	XM Carburator			XM Injection			XM V6			XM V6 24 V			XM diesel			XM diesel turbo				
	Fl.	Rc.	Sp.	Fl.	Rc.	Sp.	Fl.	Rc.	Sp.	Fl.	Rc.	Sp.	Fl.	Rc.	Sp.	Fl.	Rc.	Sp.		
Michelin tubeless																				
175/70 R15 MXL 86T			3.0			3.0						2.4	1.9	2.6					3.0	
185/65 R15 MXV2 87H	2.2	1.9													2.3	1.9				
195/60 R15 MXV2 87H						2.1*	1.9													
195/65 R15 MXV2 91H																			2.2	1.9
205/60 R15 MXV2 90V								2.2	1.9	2.4										
205/60 R15 MXV2 90Z												2.2	1.9	2.4						
Approved fitting - Snow tyres																				
185/65 R15 XM+S 100 87T	2.2	1.9													2.3	1.9				
195/60 R15 XM+S 100 87T						2.1*	1.9													
195/65 R15 XM+S 100 91T												2.2	1.9						2.2	1.9

* 2.2 with air conditioning equipment.



Advice and Recommendations

175/70 spare tyre (XM carburator, XM Injection, XM diesel turbo): maximum speed in use 100 mph.

For your safety, make sure that the tyres are in good condition. Check the tyre pressures, including the spare, weekly and before every long journey. The pressures should only be checked when the tyres are cold. **Never reduce the pressure of a warm tyre.**

To gain access to the tyre valve, open the flap of the wheeltrim with the aid of a screwdriver or coin. Close the flap by pushing and pressing its sides.

Under-inflated tyres can overheat, leading to structural damage and the risk of a blow-out.

Impacts with kerbs, potholes or hidden obstructions in the road can cause internal damage and premature failure of the tyre.

Metric equivalent	psi	bars	26	28	29	30	32	33	35	36	39
			1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.7

Inspect the tyres regularly for cuts, cracks, bulges or wear.

Remove any foreign bodies (stones, pieces of metal) that may have pierced the tyre. They could cause further damage to the tyre carcass. If in doubt have the tyre inspected by a specialist.

Never fit second-hand tyres.

Tyres age at the same rate, whether they be in constant or occasional use. This deterioration can be seen by cracks in the tread and the wall of the tyre and in some cases, deformation of the tyre carcass. Tyres that have been fitted for 6 years or more, including the spare tyre, must be thoroughly inspected by a tyre specialist or, preferably, replaced. Tyres of this age should only be used with caution.

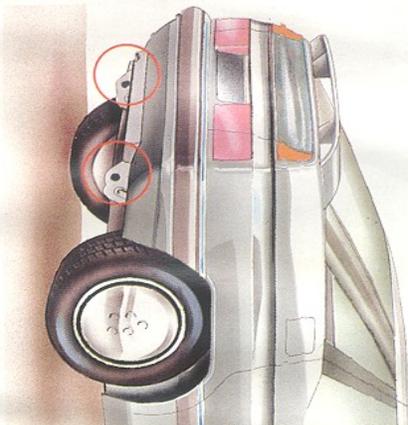
Check the wear indicators and the tread depth regularly as worn tyres have reduced grip. Worn tyres should be replaced immediately.

In the event of a puncture and to avoid damaging the tyre, the vehicle should be stopped as soon and as safely as possible.

A punctured tyre must be removed from the rim and thoroughly inspected for damage. All repairs must be carried out by a tyre specialist who could assume responsibility for the repair.

For your safety, only use the recommended tyres.





Towing with all wheels on the ground

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

Unclip the cover.

If the hydraulic system is still functioning normally, in an emergency, tow at low speed for a short distance only.

Use a bar with hooks to attach to the rings shown above.

Towing with the front end lifted

Use a special towing equipment.

Attach the hooks to each of the suspension arms; interpose a plank under the car and take the necessary precautions to protect the bumper and the front end of the vehicle.

Towing with the rear end lifted

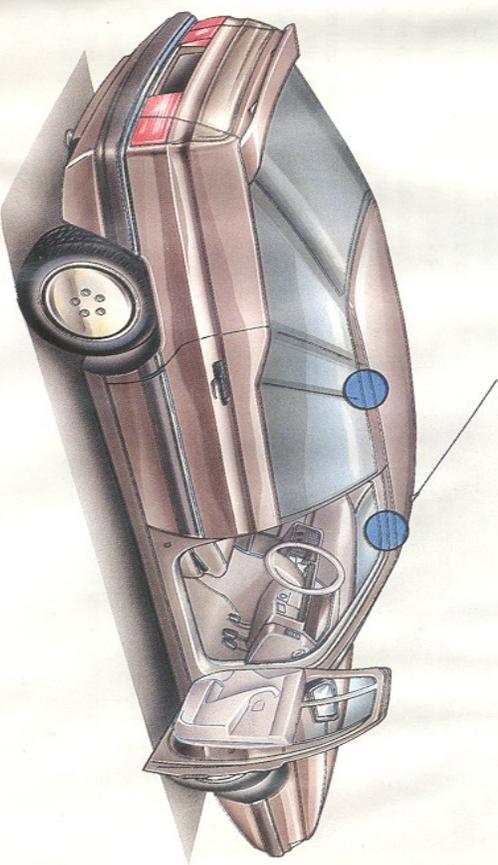
Attach the hooks to the two rings provided and take the same precautions as with the front end lifted.

Towing with front or rear end lifted at minimum suspension height.

Attach the hooks and take the same precautions as above.

Carefully lift the wheels off the ground.

Drive slowly paying special attention to the road surface condition.



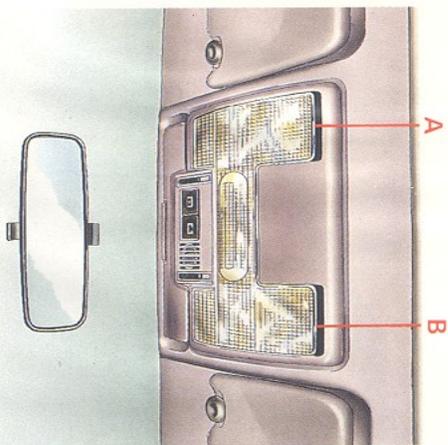
Four fixing points are provided under the door seals for fitting two loading bars.

Roof bars

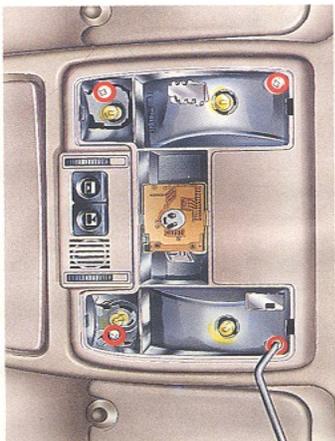
Only Citroen approved roof bars should be used, so as to ensure your safety.

These bars are available from the CITROËN network.

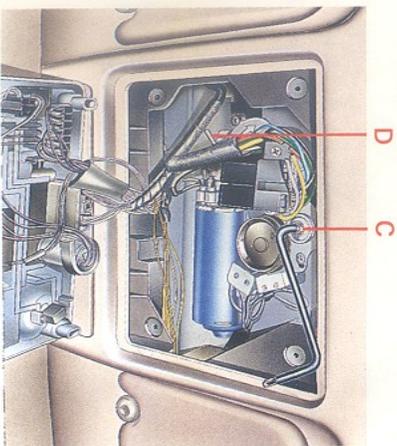
Maximum load: 80 kg.



Manual closing
 In the event of failure of the electrical control, the roof can be closed manually. Unclip the interior lamp lens at **A** and **B**.



Using the cranked handle (cruciform end) which is stowed in the glove box or in the fuse box lid (according to model), remove the four lamp securing screws. Tilt the assembly down.



Disengage the clutch of the roof motor by pushing the lever **D** toward the front, as arrowed. Enter the hexagonal end of the cranked handle at **C** and turn the crank.

- General**
- In wet or foggy weather, keep your distance, slow down, braking distances are increased, switch on the dipped headlamp beam.
 - Visibility and emergency, always carry a set of spare bulbs and an emergency battery lamp.
 - Change screen wiper blades when they start to leave streaks on the glass.
 - The road lighting equipment is designed specially for your safety and that of others. It must be in good order, well adjusted and clean.

When children are in the car

- The rear doors are fitted with a child proof locking system. When in use the doors can only be opened from the outside.
- Never leave a young child (or animal) in a car in the sun with all the windows shut.
- Children must not be allowed to stand between the backrests of the two front seats, in the back of vehicles they should be suitably restrained.
- Before opening a door make certain that this can be done without causing a danger.
- Under no condition can children travel on the lap of a front seat passenger (danger of impact with the dashboard or windscreen in case of a collision).

Caravanning

- Spread the load inside the caravan, keep heavy loads on or near the floor, respect the towing weight limits. Make sure the caravan is heavier at the front but keep within the nose weight limit.
- Drive at moderate speed (within the speed limit). Change down before hills both going up and coming down.
- When towing the fuel consumption will increase. A roof spoiler may help.
- Braking distances are increased. Use the brakes gently and progressively. Avoid harsh braking.
- Before leaving:
 - check the tyre pressures of both car and caravan,
 - check all the exterior and signalling lamps of the car and caravan,
 - practice manoeuvring, especially reversing,
 - grease regularly the towing ball hitch, remove it when not towing for a long period.

Always keep within the towing weight limits.

Roof rack

- Use approved roof bars.
- Spread the load evenly, avoid overloading one side.
- Keep heavy objects at the bottom of the load.
- Strap the load securely, and signal any overhanging load.
- Drive gently, side wind effects will be increased.
- Remove the roof rack or roof bars when not in use.

Always keep within the load capacity.

When towing in difficult conditions with a heavy trailer, XM V6 and XM Diesel models should be fitted with a second cooling fan (except on XM V6 models with air conditioning which have two fans as standard equipment). Consult your nearest CITROËN dealer.

Current consumption*

To avoid unnecessary current drain of the battery and to reduce the possibility of a discharged battery, the vehicle has several specific features:

- audible warning to advise of sidelamps on, (ignition off and door open),
- automatic switching of headlamps to sidelamps when the ignition is switched off.
- the radio only operates with the ignition in the **A** position.
- timed operation of the interior lighting.
- timed operation of the demisting and defrosting of rear screen.

* According to model.

Technical characteristics

	Pages
General information	104 - 105
Dimensions	106
Vehicle identification	107
Accessories	108
Radio security code	109
Alphabetical index	110 - 111

General information (Petrol engined versions)

Engine (cylinders, in line, transverse)	4	4		6	
Cubic capacity (cc)	1998	1998		2975	
Fuel tank capacity	80 litres (17.6 gals.)				
Recommended fuel	Leaded 4 Star	Vehicles without catalytic converter only		No	
	Unleaded Premium	98 RON or 95 RON		98 RON or 95 RON	
Engine oil capacity [litres (pints)] with oil filter without oil filter	5.4 (9.5) 4.7 (8.2)	5.4 (9.5) 4.7 (8.2)		7.0 (12.2) 6.5 (11.4)	
Hydraulic system capacity [litres (pints)]	4.8 (8.4)				
Screen wash fluid reservoir [litres (pints)] front/rear	4.5 (7.8)				
Turning circle	12.5 m				
Calculated maximum speed [km/h (mph)] manual gearbox auto gearbox	193 (120)	205 (127) 202 (125)	222 (137) 220 (136)	235 (146)	
	300 A				
Battery 12 V.	300 A				
Spark plugs	Champion	C 7 YCX	RFC 58 LS 3	RFC 58 LS 3	RFC 58 LS 3
	Eyquem	FC 62 LS	FC 58 LS	FC 58 LS 3	FC 58 LS 3
Weight (in kg) Unladen Laden	1 280 1 760	1 310 1 845	1 420 1 910	1 475 1 930	
Max. on front axle	965	1 020	1 085	1 100	
Max. on rear axle	805	825	830	840	
Gross train weight	3 060	3 145	3 410	3 430	
Laden trailer braked	1 300	1 300	1 500	1 500	
Laden trailer unbraked	640	655	710	735	
Trailer nose weight	110				
Roof rack load, max.	80				

In each country, it is essential not to exceed the maximum towing loads and speeds permitted by local legislation.

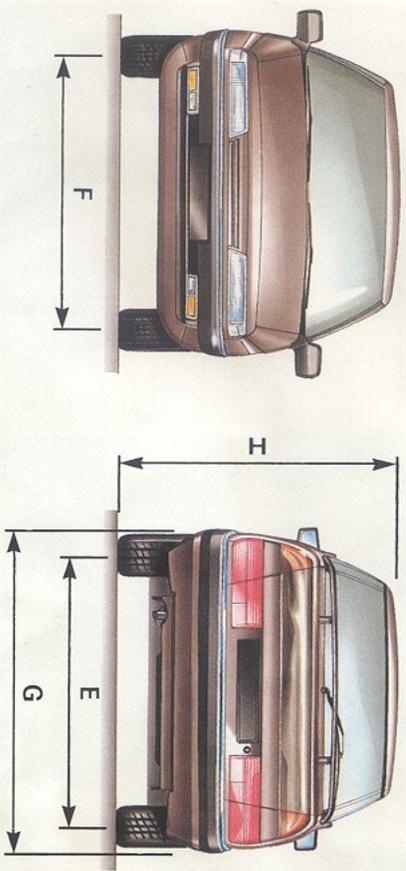
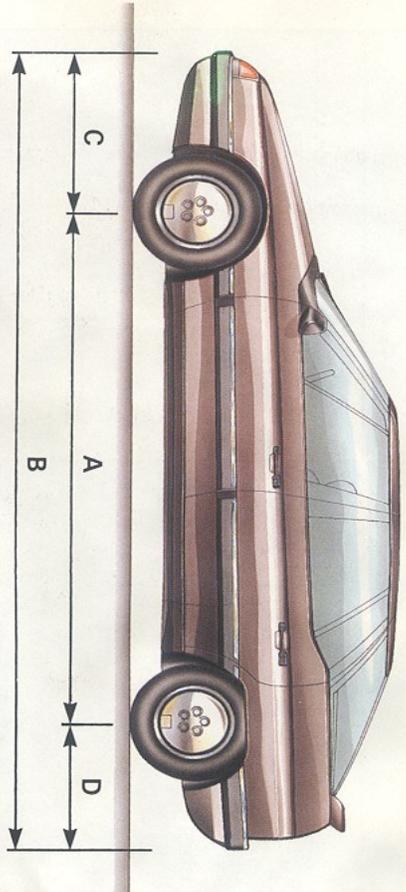
To learn more about the towing capacity of your vehicle and its maximum authorised train weight, contact your CITROËN dealer.

General information (Diesel engined versions)

Engine (cylinders, in line, transverse)	4	4	
Cubic capacity (cc)	2138	2088	
Fuel tank capacity	80 litres (17.6 gals.)		
Engine oil capacity [litres (pints)] with filter without filter	6.0 (12.2) 5.5 (11.4)		
Hydraulic circuit capacity [litres (pints)]	4.8 (8.4)		
Screen wash fluid reservoir [litres (pints)] front/rear	4.5 (7.9)		
Turning circle	12.5 m		
Calculated maximum speed [km/h (mph)]	176 (109)		192 (119)
Battery 12 V.	400 A		
Weight (in kg) Unladen Laden	1 305 1 820		1 380 1 910
	1 010		1 090
Max. on front axle	820		830
Gross train weight	3 120		3 410
Laden trailer braked	1 300		1 500
Laden trailer unbraked	650		690
Trailer nose weight	110		
Roof rack load, max.	80		

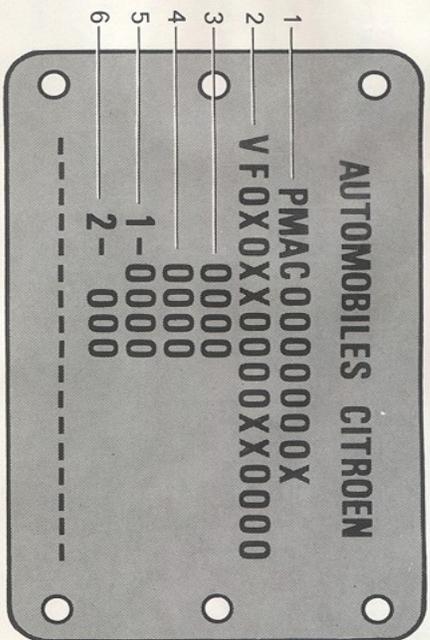
In each country, it is essential not to exceed the maximum towing loads and speeds permitted by local legislation.

To learn more about the towing capacity of your vehicle and its maximum authorised GTW, contact your CITROËN dealer.



Dimensions (in mm)

A	2 850
B	4 708
C	1 068
D	790
E	1 457 or 1 447
F	1 530 or 1 520
G	1 794
H	1 382 or 1 385



Chassis number plate:

- On front crossmember.
- 1: pMAC
- 2: Identification number.
- 3: Maximum laden weight.
- 4: Maximum train weight.
- 5: Maximum weight on front axle.
- 6: Maximum weight on rear axle.

Replacement parts organisation number (four figure no.).

On left hand front door pillar. Please quote this number when ordering replacement parts. All genuine CITROËN replacement parts are available from CITROËN. It is in the user's interest, for his safety and for the sake of the Warranty, to reject all other parts. Fitting parts or units not supplied by CITROËN may even result in a violation of the law, if it results in non-compliance with regulations, especially as regards safety, pollution control, interference suppression, and the noise level of the vehicle. Fitting such parts or units could also deprive the user of any recourse against the maker. This applies in particular to:

- parts of the braking system,
- lighting and signalling equipment,
- engine equipment,
- the exhaust system,
- steering system, structural and suspension parts.

Model year

On left hand front door pillar. (French market vehicles.)

Colour code

On the left hand front wheel arch.

All CITROËN accessories are designed to complement and protect the quality and style of your CITROËN XM.

They have been selected and manufactured to meet the exacting standards set by CITROËN.

Choose from the following extensive Accessoire Range:

COMFORT: Seat covers, carpets, radio equipment, loudspeakers, etc.

SECURITY: glass marking, anti-theft alarm, wheel anti-theft device, replacement bulbs kit, etc.

CAR CARE: antifreeze fluid, screen wash, etc.

BODY STYLING: opening roof accessories, tail blazer.

LEISURE AND TRAVEL: roof bars, ski holders, bicycle carriers, tow bar.

Ask your CITROËN dealer for further details.

If your new CITROËN XM is fitted with a CLARION PC 300 radio, please note the following:

1. For security reasons, the radio will only function if the correct Radio Security Code is entered. This will have been done by the dealer and your radio should be fully operational.
2. If the electrical supply to the radio is disconnected when, for example, the battery is disconnected or a fuse blows, the radio will not function normally until the Radio Security Code is re-entered.
3. The Radio Security Code can be found on your CITROËN XM Security Card, together with the Ignition Key Number, Remote Control Number and the Anti-Theft Code.
4. Complete instructions for entering the code can be found on page 53.
5. Should the radio cease to function as a result of disconnection of the electrical supply, and the Security Code is not known, contact your CITROËN dealer for assistance.
6. Do not keep the Security Card in the car.





PASSENGER CAR FUEL CONSUMPTION ORDER 1983
FUEL CONSUMPTION TESTS

The results recorded in official fuel economy certificates of the officially approved tests for determining fuel consumption carried out on our range of models are as follows:

MODEL	Trans- mission	Imperial MPG			Metric L/100km			R.U.L.E.*
		Urban	56mph	75mph	Urban	90kmh	120kmh	
AX 10E RE & TGE	M4	50.4	72.4	50.4	5.6	3.9	5.6	E
AX 11TGE TRS & TZ	M4	49.6	72.4	50.4	5.7	3.9	5.6	E
AX 11TGE TRS & TZ	M5	49.6	72.4	50.4	5.7	3.9	5.6	E
AX 11TGE TRS & TZ INJECTION	M4	39.8	60.1	45.6	7.1	4.7	6.2	U
AX 11TGE TRS & TZ INJECTION	M5	39.2	60.1	45.6	7.2	4.7	6.2	U
AX 14TRS, TZS & TZ	M5	40.9	67.3	47.1	6.9	4.2	6.0	R
AX 14TRX INJECTION	M5	36.7	58.9	42.8	7.7	4.8	6.6	U
AX GT ('91 Model Year)	M5	37.2	57.6	42.8	7.6	4.9	6.6	U
AX GT (INJECTION)	M5	35.3	57.6	41.5	8.0	4.9	6.8	U
AX GT (INJECTION)	M5	54.3	78.5	56.5	5.2	3.6	5.0	D
AX 14RD, TGD & DTR	M5	54.3	78.5	56.5	5.2	3.6	5.0	D
BX 14TE & TGE Saloon	M4	34.9	51.4	39.8	8.1	5.5	7.1	R
BX 14TE & TGE Saloon	M5	34.0	51.4	39.8	8.3	5.5	7.1	R
BX 14TGE (INJECTION) Saloon	M5	30.7	48.7	36.2	9.2	5.8	7.8	U
BX 16TGS & TZS Saloon	M5	31.7	51.4	40.4	8.9	5.5	7.0	E
BX 16TGS & TZS Saloon	A	32.5	48.7	37.2	8.7	5.8	7.6	E
BX 16TGS & TZS Saloon	M5	29.1	48.7	37.2	9.7	5.8	7.6	U
BX 16TGS & TZI Saloon	M5	29.7	47.1	37.2	9.5	6.0	7.6	E
BX 19TZS Saloon	A	23.7	46.3	37.2	9.5	6.1	8.5	E
BX 19TZS Saloon	M5	24.1	43.5	33.2	11.7	6.7	8.8	U
BX 19TZI & GTI Saloon	M5	23.7	42.2	32.1	11.9	6.7	8.2	U
BX 19TZI & GTI Saloon	M5	27.2	46.3	34.4	10.4	6.1	8.2	E
BX GTI Saloon	M5	25.4	44.1	34.4	11.1	6.4	8.2	E
BX GTI Saloon	A	23.7	39.8	31.7	11.3	7.1	8.9	E
BX GTI 4x4 Saloon	M5	25.0	42.8	34.9	12.0	6.6	8.5	U
BX 16VALVE Saloon ('91 Model Year)	M5	23.5	41.5	33.2	12.0	6.8	8.5	U
BX 16VALVE Saloon	M5	44.1	61.4	44.1	8.4	4.6	6.1	D
BX 17TGD Saloon	M5	44.1	61.4	44.1	8.4	4.6	6.1	D
BX 19TGD & TZD Saloon	M5	43.5	61.4	46.3	6.5	5.0	6.7	D
BX 19TGD & TZD Saloon	A	40.9	56.5	42.2	6.9	4.5	6.3	D
BX 19TGD & TZD Saloon	M5	40.9	56.5	42.2	6.9	4.5	6.3	D
BX TGD TURBO & TZD TURBO Saloon	M5	42.2	62.8	44.8	6.7	4.7	6.4	D
BX 16TGS Estate	M5	31.7	48.7	37.2	8.9	5.8	7.5	U
BX 16TGS Estate	M5	29.1	46.3	36.2	9.7	6.1	8.1	E
BX 19TZS Estate	M5	29.4	47.9	36.2	9.6	5.9	7.8	E
BX 19TZS Estate	A	29.7	46.3	36.2	9.5	6.1	7.8	E
BX 4x4 Estate	M5	26.2	44.8	33.2	10.8	6.3	8.5	E
BX 19TZEstate	A	25.4	43.5	32.1	11.1	6.5	8.7	E
BX 19TZEstate	M5	23.2	42.2	32.1	12.2	6.7	8.8	U
BX 19TZEstate	A	23.7	39.8	30.7	11.9	7.1	9.2	U
BX 19TZEstate	M5	43.5	58.9	42.8	6.5	4.8	6.8	D
BX 19TGD Estate	M5	42.2	58.9	42.8	6.7	4.8	6.8	D
BX 19TGD Estate	M5	40.9	58.9	41.5	6.9	4.8	6.8	D
BX TZD TURBO Estate	M5	23.5	39.8	31.0	12.0	7.1	9.1	E
CX TGE SAFARI Estate	M5	20.8	35.8	29.4	13.6	7.9	9.6	E
CX TGI SAFARI/FAMILIALE Estate	M5	21.7	29.4	24.4	13.0	9.6	11.6	E
CX TGI SAFARI/FAMILIALE Estate	A	21.7	29.4	24.4	13.0	9.6	11.6	E
CX TGD TURBO SAFARI Estate	M5	33.2	52.3	38.2	8.5	5.4	7.4	D
XM (2.0 cab)	M5	26.4	44.8	35.8	10.7	6.3	7.9	U
XM	M5	22.6	44.1	33.6	12.5	6.4	8.4	U
XM 2.0i, si & sei	M5	24.6	44.8	34.9	11.5	6.3	8.1	E
XM 2.0i, si & sei	M5	21.9	41.5	33.2	12.9	6.8	8.5	E
XM 2.0i, si & sei	A	22.1	41.5	32.1	13.8	7.1	9.2	U
XM 2.0i, si & sei	M5	20.5	39.8	30.7	13.8	7.8	9.6	U
XM V6 si & sei	M5	18.8	36.2	29.4	15.0	8.0	10.1	U
XM V6 si & sei	A	16.7	35.3	28.0	16.9	8.2	10.2	U
XM V6-24V	M5	17.8	34.4	27.7	15.9	8.5	10.2	U
XM TURBOD, SD & SED	M5	33.2	57.6	43.5	8.5	4.9	6.5	D
XM TURBOD, SD & SED	M5	31.7	55.4	41.5	8.9	5.1	6.8	D

* R.U.L.E. Indicates suitability for use with unleaded petrol:
 R - Refer to Dealer - can use 95 RON unleaded or 98 RON unleaded without modification
 U - Use Unleaded Petrol Only
 L - Use 97 RON minimum (97 RON/leaded or 98 RON unleaded)
 E - Use Either
 D - Diesel

IMPORTANT NOTE

The results given above do not express or imply any guarantee of the fuel consumption of the particular car to which this handbook refers. The car itself has not been tested and there are inevitably differences between individual cars of the same model. In addition, this car may incorporate particular modifications. Furthermore, the driver's style and road and traffic conditions, as well as the extent to which the car has been driven and the standard of maintenance will affect its fuel consumption.
 NOTE: The mention of a model above does not imply availability at any given time.

