SECTION 2
Controls & instruments

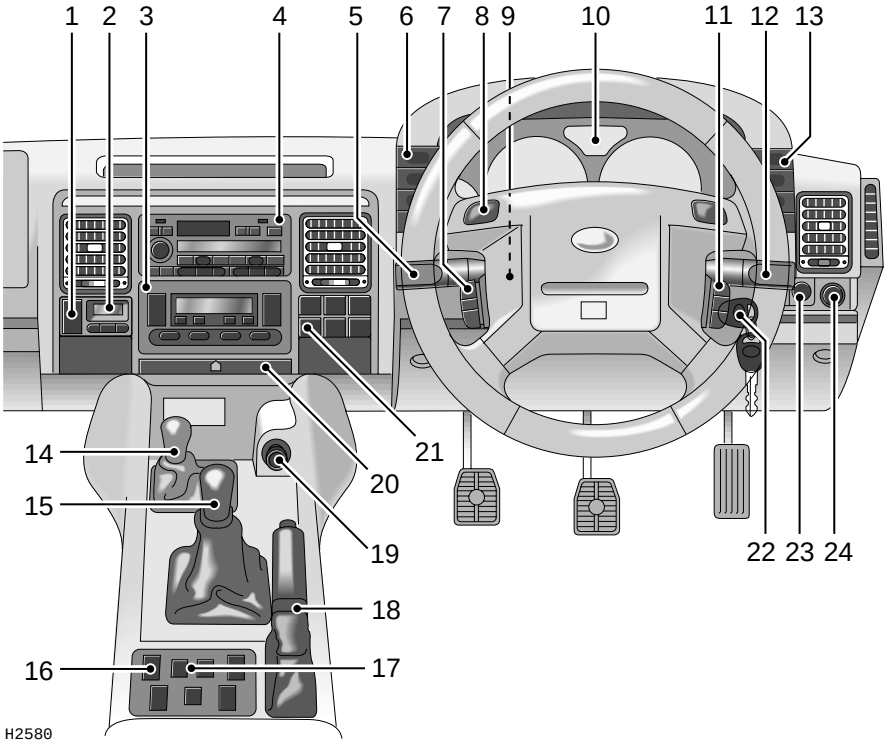
In this section of the handbook you will find descriptions of the controls and instruments.

For your own safety, it is most important to read this section fully and to gain a thorough understanding of all the controls before driving.

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Controls



1. Door locks switch
2. Clock
3. Heater/air conditioning controls
4. Radio cassette player
5. Lighting and direction indicator controls
6. LH binnacle switch panel (includes rear fog guard light)
7. Remote radio controls (if fitted)
8. Horn switches (2)
9. Steering column height adjuster
10. Instrument panel
11. Cruise control switches (if fitted)
12. Windscreen wiper/washer controls
13. RH binnacle switch panel (includes rear wash/wipe)
14. Transfer gear lever
15. Main gear lever
16. Electric window switches
17. Heated front seat switches (if fitted)
18. Handbrake
19. Cigar lighter
20. Cup holder
21. Fascia panel switches (includes hazard warning, fuel filler and screen demisters)
22. Starter switch
23. Headlamp levelling control (if fitted)
24. Electric mirror adjuster

NOTE: *The precise specification and location of controls may vary according to territorial requirements and from model to model within the vehicle range.*

Security Card

The security card, supplied with the literature pack, contains important emergency information. It is ESSENTIAL that you keep the card safe from theft and ensure that it is passed to the new owner if you sell the vehicle.

- **Key number:** This is the number of the starter/door key - essential if you ever need to obtain a replacement.
- **Emergency key access code:** You will need this code in order to start the vehicle if the handset has been lost or damaged (see *'Emergency key access'* in the *'Locks & alarm'* section).
- **Locking wheel nut number:** If your vehicle has locking wheel nuts, you will have been provided with a special wheel nut socket to remove them. You will need to quote this number to obtain a replacement socket.
- **VIN (vehicle identification number):** This identity number is unique to your vehicle and is essential proof of its specification. The number can also be found in various locations around the vehicle (see *'Vehicle Identification'* in Section 1).
- **Radio security code number:** This unique code must be entered into the radio whenever the power supply has been disconnected. Without this code, the radio unit will not operate (see *'Security code'* in the *'In-Car Entertainment'* book).

WARNING

Never leave the security card inside the vehicle when it is unattended.

Memorise the emergency key access code, or keep the card on your person while driving, in case of emergencies.

ALARM SYSTEM

Your vehicle is fitted with a sophisticated electronic anti-theft alarm and engine immobilisation system. There are also a number of additional security features, some of which are selectable options and some are standard features of the vehicle. In order to ensure maximum security and operating convenience, you are strongly advised to gain a full understanding of the features and alternatives available, by thoroughly reading this section of the handbook.

IMPORTANT INFORMATION
FOR MAXIMUM SECURITY ALWAYS SUPERLOCK THE VEHICLE USING THE REMOTE HANDSET (except when passengers are to be left inside or if it is necessary to leave a window or sunroof open).

LOCKING

With the remote handset:

Press the lock (padlock symbol) button once:

- all doors are superlocked (see *'Superlocking')*
- engine immobilised
- perimetric alarm activated (protects the doors, bonnet and taildoor)
- interior space protection activated

The direction indicator lights flash three times to confirm that the vehicle is secure and the anti-theft alarm indicator light (in the instrument panel) starts to flash.

With the key:

Insert the key and turn the door lock towards the rear of the vehicle:

- all doors locked (not superlocked)
- engine immobilised
- perimetric alarm activated (protects the doors, bonnet and taildoor)
- NO INTERIOR SPACE PROTECTION

The direction indicator lights flash once to confirm that the vehicle is secure and the anti-theft alarm indicator light (in the instrument panel) starts to flash.

UNLOCKING

With the remote handset:

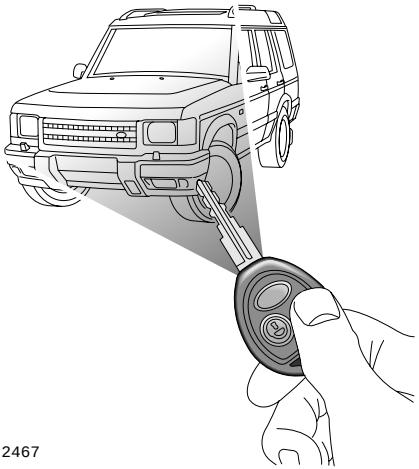
- Press the unlock (Land Rover) button once to disarm the alarm and unlock the driver's door only (see *'Single point entry').*
- Press the unlock button twice to disarm the alarm and unlock ALL the doors.

In either case, the direction indicator lights flash once and the interior lights illuminate.

With the key:

While the doors can be unlocked using the key, this method is NOT RECOMMENDED - depending on the specification of the vehicle the alarm may not be disarmed.

NOTE: *If the handset does not operate after the vehicle has been parked for a long period, unlock the driver's door with the key and then try again. If the handset still fails to operate, enter the EKA code using the procedure shown later in this section.*



H2467

Using the remote handset

While it is not necessary to point the handset at the vehicle, the handset must be within range of the vehicle when a button is pressed. Note that the operating range may vary depending upon handset battery condition and may sometimes be limited by physical and geographical factors beyond your control. From a security point of view, it may not be wise to unlock unless you are within a few feet of the vehicle.

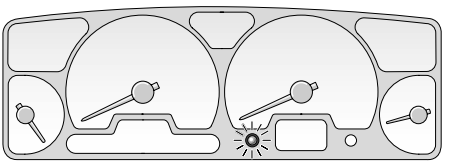
Superlocking

Provided all the doors are fully closed, the Superlocking feature is activated automatically whenever the vehicle is locked using the remote handset. Superlocking immobilises the interior door handles, thereby preventing an intruder from gaining entry by smashing a window and reaching inside the vehicle to operate the door handles.

Note that locking with the key will not activate superlocking.

WARNING

For safety, NEVER use Superlocking if passengers are to remain inside the vehicle - in an emergency they would not be able to escape.



H2546

Anti-theft alarm indicator light

This light provides information about the status of the alarm system, as follows:

When the vehicle is locked:
The light flashes rapidly while the alarm is arming itself. After ten seconds, the light adjusts to a slower frequency and continues to flash as an anti-theft deterrent until the alarm is disarmed.

If the engine is immobilised (even though the alarm has been disarmed):
The light flashes slowly until the engine is remobilised.

If the alarm has been triggered:
The light will flash rapidly when the alarm is disarmed until the starter switch is turned to position II.

If the remote handset battery power is low:
The light will flash rapidly for ten seconds after the handset has been used when the driver's door is opened.

Mislock

If the driver's door is not fully closed when the handset lock button is pressed, the alarm sounder or vehicle horn will sound once, indicating a mislock. In this case, none of the doors will lock and the alarm system will not be armed.

If a passenger door or other aperture is not fully closed when the handset lock button is pressed, the alarm sounder or vehicle horn will sound once, indicating a mislock. However, the 'partial arming' attributes of the security system will enable as much of the system to be armed as possible (all fully closed door or bonnet apertures will be protected, but an open door will not!). As soon as the open aperture is closed, the system will automatically revert to a fully armed state.

NOTE: *If a mislock occurs as a result of an open door, the superlocking and interior space protection features will not be activated.*

NOTE: *Your Land Rover dealer can disable the mislock audible warning.*

If the alarm sounds

If the alarm is triggered, the alarm sounder or vehicle horn will sound for 30 seconds before switching off and resetting itself to the same protection status that existed prior to the alarm being triggered.

To silence the alarm, press either button on the remote handset.

Headlight courtesy delay (if fitted)

When locking the vehicle, the remote handset can be used to illuminate the headlights for 30 seconds. At night this will make it easier for you to unlock the garage, or walk to your house in safety. Operate this feature at the same time as you lock the car, by keeping the handset LOCK button pressed for more than 2 seconds (the doors lock and alarm system arms in the usual way).

To extinguish the lights before the 30 second illumination period has expired, press the lock button again.

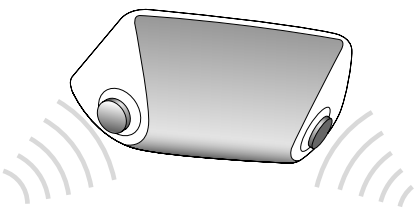
NOTE: *This feature can be disabled by a Land Rover dealer.*

Single point entry

This is a personal security feature, which enables the driver's door only to be unlocked, leaving the other doors in a locked state. It can be operated by the remote handset as follows:

Press the unlock button once to unlock the driver's door, press a second time (within one minute) to unlock the remaining doors.

NOTE: *This feature can be disabled by a Land Rover dealer.*



H2468

Interior space protection

Interior space protection is designed to protect the interior of the vehicle from intrusion (entry by a thief through a smashed window, for example). Two pairs of sensors monitor the interior space and activate the alarm if air movement is detected in the passenger compartment.

Using the handset:
Interior space protection is activated automatically whenever the remote handset is used to set the alarm and can ONLY be deactivated with the handset.

Key operation:
Using the key will NOT activate (or deactivate) interior space protection.

NOTE: *The feature cannot be activated if a door is open, or if the starter switch is turned on.*

WARNING

Never activate interior space protection if windows or sunroof are to be left open, or if passengers or animals are to be left inside the vehicle - any movement will activate the alarm.

Speed-related locking (if fitted)

This security feature locks all the doors automatically when the vehicle speed exceeds 4 mph (7 km/h), and unlocks the doors as soon as the starter switch is turned off (provided the doors had previously been locked by the speed related feature).

Note that this feature is not selectable by the driver, and that operation of the door locks by any other means (interior locking switch on the fascia panel, for example) will disable the speed-related locking function for the remainder of the journey, or until the starter switch is turned off and on again.

NOTE: *This feature can be selected or deselected by a Land Rover dealer.*

ENGINE IMMOBILISATION

Engine immobilisation is an important aspect of the security system, and includes a feature known as 'passive immobilisation'. This is designed to safeguard the vehicle from theft, should the driver forget to lock the doors and prevents the engine from being started unless the GENUINE handset key is inserted into the starter switch. Engine immobilisation is automatic whenever any of the following conditions occur.

- The vehicle is locked using handset or key.
- Thirty seconds after the starter switch has been turned off AND the driver's door opened.
- Five minutes after the starter switch is turned off, or the alarm system is disarmed.

The engine will be re-mobilised automatically whenever the genuine handset key is inserted into the starter switch and turned to position 'II'.

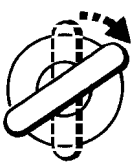
EMERGENCY KEY ACCESS

If the handset is damaged, or fails to operate, the engine can be re-mobilised by using the key to enter a unique four number emergency key access code. The code is recorded on the Security Information card and is entered as follows:

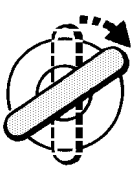
IMPORTANT INFORMATION

When entering a code:

- ENSURE each key movement is carried out with care and precision and turned to the full extent of its travel.
- After turning the key to either the lock or unlock positions, make sure it is FULLY returned to the centre (vertical) position.
- An interval of 10 seconds or more between key turns, or the key being held in a locked or unlocked position for 5 seconds or more will cancel an entry attempt, in which case you must start again with operation 1.



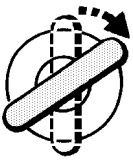
1. Ensure that all doors are closed, then using the key turn the driver's door lock to the UNLOCK position (towards the front of the car) and hold in this position for at least 5 seconds until the alarm sounder sounds once). Then return the key to the centre position. It is now possible to use the key to enter the separate numerical values of the four numbers that make up the emergency key access code.



2. Enter the FIRST number of the code. If the first number is 4, turn the key (towards the front of the car) to the UNLOCK position 4 times. Ensure the key is FULLY returned to the centre position after each turn.



3. Enter the SECOND number of the code. If the second number is 3, turn the key (towards the rear) to the LOCK position 3 times. Remember; the key must be FULLY returned to the centre position after each turn.



4. Enter the THIRD number of the code. If the third number is 12, turn the key to the UNLOCK position twelve times, ensuring that the key is FULLY returned to the centre position after each turn.



5. Enter the FOURTH number of the code. If the fourth number is 1, turn the key to the LOCK position once. Ensure the key is FULLY returned to the centre position.



6. Finally, turn the key to the unlock position once more. If the code has been entered correctly, a double 'bleep' will sound (a single 'bleep' indicates that the code has been entered incorrectly).

NOTE: *If the Mislock audible warning has been deselected (by a Land Rover dealer), the alarm sounder will not sound when an EKA code has been entered. Instead, the alarm indicator light on the instrument panel will flash once (for one second) to indicate a successful code entry.*

There is now a **five minute delay** before the alarm and engine immobiliser are deactivated. **DO NOT OPEN THE DOOR OR ATTEMPT TO ENTER THE VEHICLE YET!**

7. Through the driver's door window, observe the anti-theft alarm indicator light on the instrument panel. If code entry was successful, this light will continue flashing (once every two seconds) for the five minute delay period.

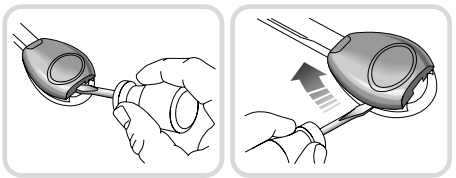
DO NOT OPEN THE DOOR OR ATTEMPT TO ENTER THE CAR until the full delay period has elapsed - this will be indicated by the anti-theft alarm indicator light extinguishing.

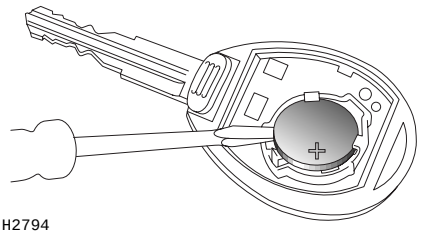
8. Now open the door, insert the key into the starter and turn the switch to position 'II' IMMEDIATELY! If the starter switch is not turned to position 'II' within 30 seconds of the indicator light extinguishing, the engine will automatically immobilise again.

If an incorrect code has been entered:
If an incorrect code has been entered, the alarm sounder will sound once and the anti-theft alarm indicator light will continue to flash. In this case, return to operation '1' and re-enter the code.

After three failed entry attempts, the security system invokes a delay period of ten minutes during which the system will not accept any further attempts to enter a code.

IMPORTANT INFORMATION
Memorise the emergency key access code or keep the Security card on your person in case of emergencies. NEVER leave the card in the vehicle.





H2794

REMOTE HANDSET BATTERY

The battery should last for approximately three years dependent upon use. When the battery needs replacing it will be apparent from the following symptoms:

- A gradual deterioration in range and performance.
- The alarm indicator light in the instrument panel will flash rapidly for 10 seconds after the driver's door is opened.

Always fit a Land Rover STC 4080 or a Panasonic CR2032 replacement battery (available from a Land Rover dealer) and adopt the following replacement procedure:

1) With the handset face down, insert the blade of a small flat-bladed screwdriver into the slot at the rear of the handset (see inset) and prise the back upwards.

2) Insert the screwdriver blade as shown in the right hand inset and then carefully slide it along the joint towards the key to release the back of the handset.

3) Use a small flat-bladed screwdriver to prise the battery from its mounting (see illustration), taking care to avoid touching the circuit board or the metal battery contacts.

4) Fit the new battery, ensuring that correct polarity is maintained ('+' side facing up). Finger marks will adversely affect battery life; if possible, avoid touching the flat surfaces of the battery and wipe them clean before fitting.

5) Press the two halves of the handset firmly together and ensure that both halves are fully joined to prevent dirt or moisture from entering the handset.

The handset is now ready for use.

WARNING

The handset contains delicate electronic circuits and must be protected from impact and water damage, high temperatures and humidity, direct sunlight and the effects of solvents, waxes and abrasive cleaners.

KEY AND HANDSET NUMBERS

You have been supplied with two remote handsets with integral keys which operate all locks.

The key number is stamped on a tag attached to the key ring. Check that the key number has been entered in the space provided on your Security card.

If the remote handset is lost, contact a Land Rover dealer, who can supply replacement units.

WARNING

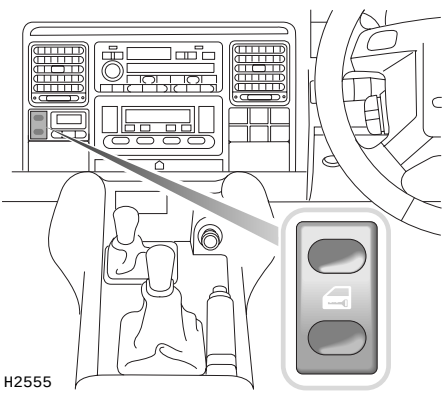
Keep the Security card and spare handset in a safe place - NOT IN THE VEHICLE!

Interior door handles and door sill locking buttons

From inside the vehicle, each door can be individually locked by depressing the appropriate door sill button. However, doors cannot be unlocked by raising the sill button.

Use the door handles to unlock, as follows:

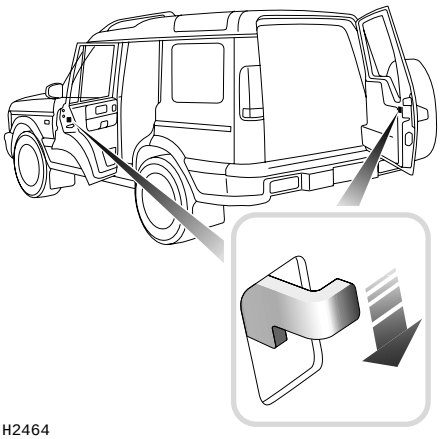
- First operation of the door handle unlocks the door.
- Second operation of the door handle opens the door.



Interior locking switch

This is a personal security feature which allows the driver to lock (or unlock) all the doors from inside the vehicle (while driving or with the vehicle stationary). Press the lower part of the switch to lock (the alarm will not be armed), and the upper part to unlock.

NOTE: *If the locks have already been superlocked, the switch will not release the locks.*



H2464

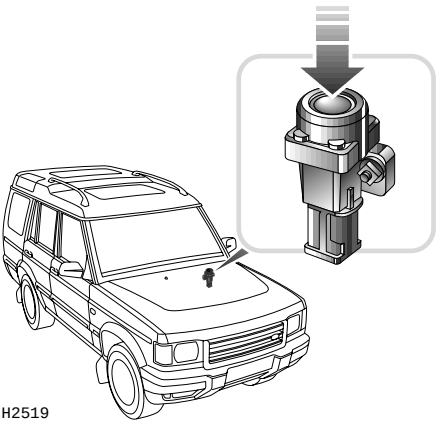
CHILD-PROOF LOCKS

Move the locking levers on the rear doors and taildoor down to engage the child locks.

With the child-proof locks engaged, neither the rear doors nor the taildoor can be opened from inside the vehicle, thereby avoiding the risk of a door being opened accidentally while the vehicle is moving.

WARNING

NEVER leave children unsupervised in the vehicle.



H2519

DOOR LOCKING CUT-OFF SWITCH

An inertia switch, operational only with the starter switch in position 'II' and the alarm disarmed, prevents the doors centrally locking (or if the doors are locked, will unlock them) in the event of an accident or sudden impact.

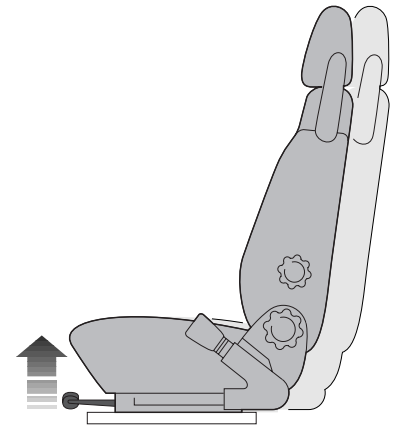
When the switch operates, the direction indicator lights flash (if market permits), until the system is reset by turning the starter switch on and off, and opening and closing the driver's door.

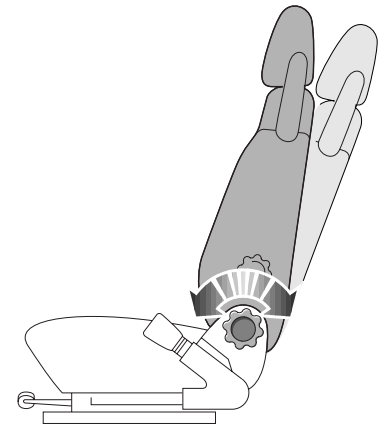
Note that doors cannot be locked again until the switch is reset.

The inertia switch also cuts off the fuel supply (see *'Fuel cut-off switch')*.

WARNING

Always check for fuel leaks before resetting the switch!


H2547


H2548

FRONT SEAT ADJUSTMENT

Forward/backward movement

Lift the lever to slide the seat forward or back. Ensure the seat is locked in position before driving.

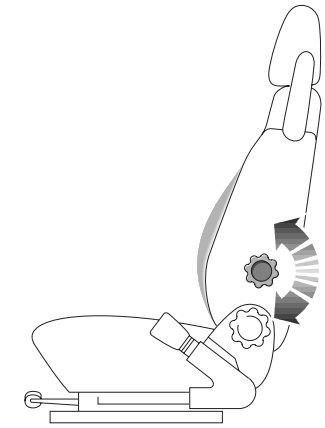
WARNING

To avoid the risk of loss of control and personal injury, DO NOT adjust the driver's seat while the vehicle is in motion.

DO NOT travel with the seat backs reclined steeply rearwards. Optimum benefit is obtained from the seat belt with the seat back angle set to approximately 25 degrees from the upright (vertical).

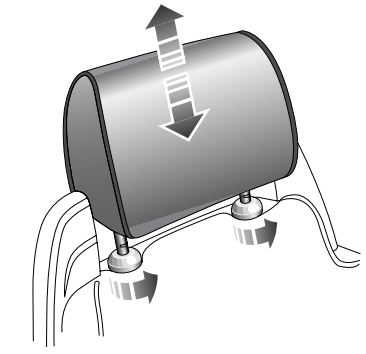
Backrest movement

Rotate the handwheel to achieve the desired backrest angle.



Lumbar support

Rotate the handwheel to increase or decrease support to the lumbar region of the back.



HEAD RESTRAINTS

Pull the head restraint up or down until the cushion is level with the back of the head.

WARNING

Head restraints are designed to support the back of the head (NOT THE NECK), and to restrain rearward movement of the head in the event of a collision. The restraint must be positioned level with the head to be effective.

Head restraint removal

Turn both mounting collars fully anti-clockwise and pull the restraint upwards to remove.

After replacing a head restraint turn the mounting collars clockwise.

POWER OPERATED FRONT SEATS
(if fitted)

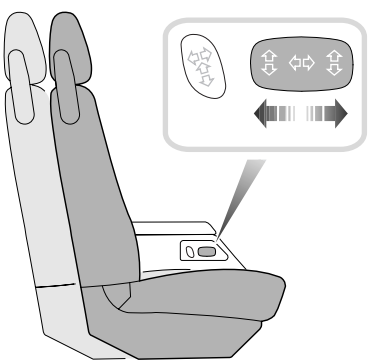
WARNING

To avoid the risk of loss of control and personal injury, DO NOT adjust the driver's seat while the vehicle is in motion.

The seat adjustment controls are situated on the side of the centrally mounted cubby box.

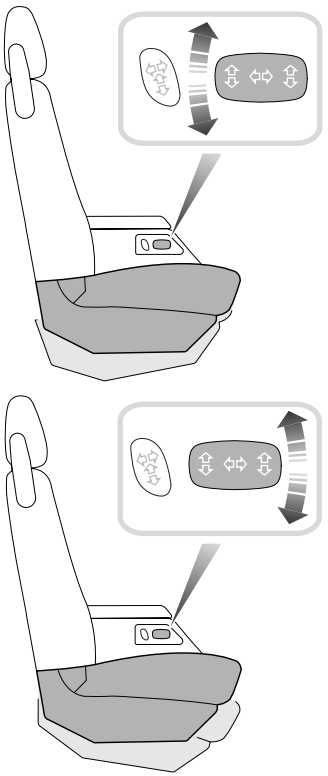
Seat adjustment is only possible when the starter switch is turned to position 'II' or for 45 seconds after opening the driver's door.

The following functions are available:



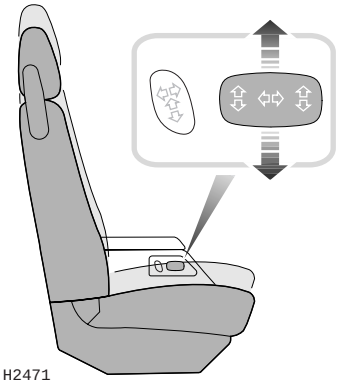
H2469

Forward/backward adjustment
Push and hold the switch forwards or backwards to move the seat to the desired position.

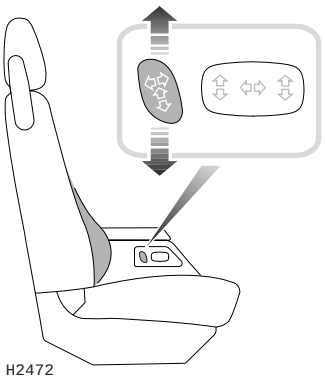


H2470

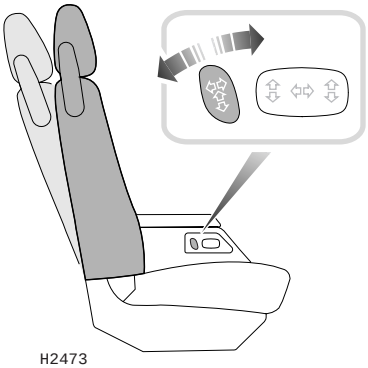
Seat cushion angle
Twist the switch to tilt the seat cushion to the desired position. Note that the front and rear of the switch work independently - the front raising or lowering the front of the cushion, the rear of the switch similarly controlling the rear of the seat cushion.



Seat cushion height (driver's seat only)
Push the switch up or down to raise or lower the cushion.



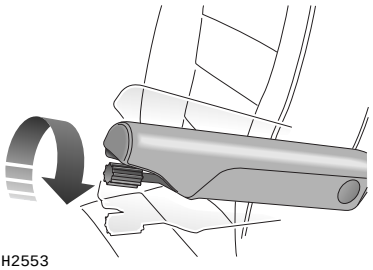
Lumbar support adjustment
Push the switch up to increase support to the lumbar region of the back. Lower the switch to reduce lumbar support.



Seat back adjustment
Twist the switch forward or backward until the desired seat back angle is achieved.

WARNING

DO NOT travel with the seatbacks reclined steeply rearwards. Optimum benefit is obtained from the seat belt with the seat back angle set to approximately 25 degrees from the upright (vertical).

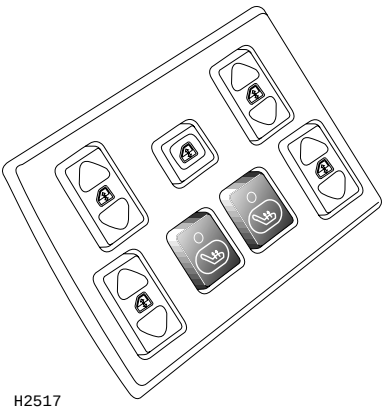


H2553

FOLDING ARMRESTS

Some vehicles are fitted with adjustable front seat armrests, which can be either; stowed vertically in line with the seat backrest when not required, or folded horizontally to serve as an arm/elbow rest.

The height/angle of each armrest can be adjusted by turning the knob set into the end of the armrest: clockwise to raise and anti-clockwise to lower.



H2517

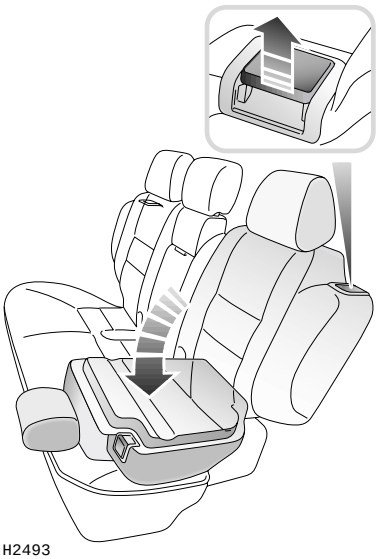
Heated front seats

(if fitted)

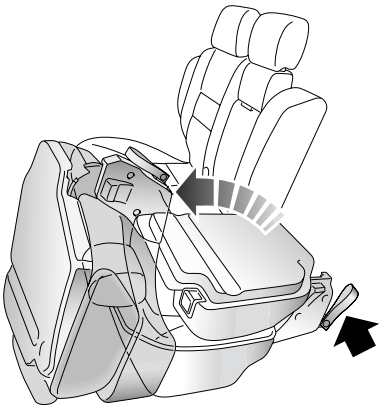
With the starter switch turned on and the engine running, press the switches to operate the heating elements in either the driver's or front passenger seat (the indicator light in the switch illuminates). Press a second time to switch off.

The seat heaters are thermostatically controlled and operate intermittently to achieve and then maintain a predetermined temperature between 79° F and 97° F (26° - 36° C).

IMPORTANT INFORMATION
The seat heaters consume considerable power from the battery. For this reason, they should ONLY be operated while the engine is running.



H2493



H2549

FOLDING THE REAR SEATS

WARNING

DO NOT adjust any part of a seat while the vehicle is in motion.

One or both parts of the split rear seat can be either partially or fully folded to increase the rear loadspace.

1. To release either part of the backrest, lift the lever shown in the inset, and then fold the backrest onto the seat base.
2. Ensure the outer head restraints are fully lowered, the armrest is stowed and the centre head restraint is removed.
3. To release the seat base, pull the release strap upward (arrowed in illustration). With backrest and seat base released, the assembly can be folded forward as shown.

Returning the seat to the upright position

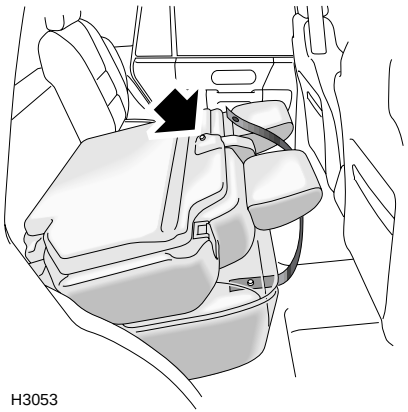
Push the seat assembly back onto the floor - the floor catches should latch with the base of the seat. Then raise the backrest.

If the backrest cannot be raised easily, DO NOT force it. This indicates that the seat base has not fully engaged with the floor catches (note that the seat assembly is designed to prevent the backrest from being raised unless the seat is properly secured to the floor).

With the seat base secure, the backrest can be raised and locked in position (none of the RED panel on the release lever should be visible when the backrest is correctly latched).

WARNING

After the seat is returned to the upright position, check and physically test the latching mechanism to ensure that both seat base and backrest are secure before driving.



H3053

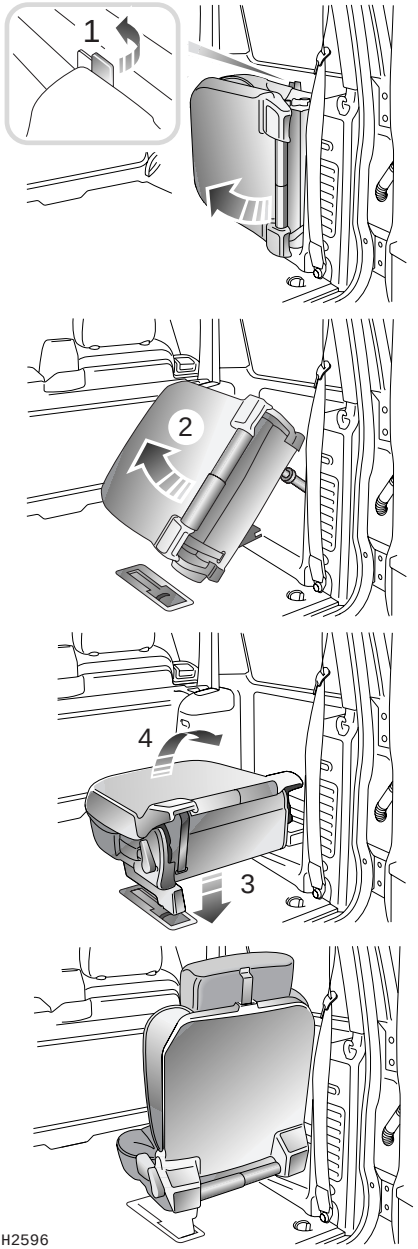
Preventing chafing

When the larger portion (or whole) of the seat is fully folded, some chafing may occur between the seat and the cubby box (note that this is most likely to occur when the front seats are adjusted fully forward). If chafing is apparent, risk of damage to the seat cover can be reduced by fitting the securing strap as shown.

The strap can be found in the tool bag in the tail door storage pocket.

1. Fold the backrest forward.
2. Fit one end of the strap to the press-stud fastening on the underside of the seat base (it will be necessary to partially raise the seat base in order to visually locate the fastening).
3. Stretch the strap around the folded seat assembly and secure the free end to the press-stud fastener on the rear of the backrest.

Compressing the folded seat assembly in this way should alleviate chafing and any subsequent damage to the seat cover when the seat is folded fully.



OCCASIONAL REAR SEATS

WARNING

Before driving with passengers seated in the occasional rear seats, for safety ensure that the floor latches are fully engaged.

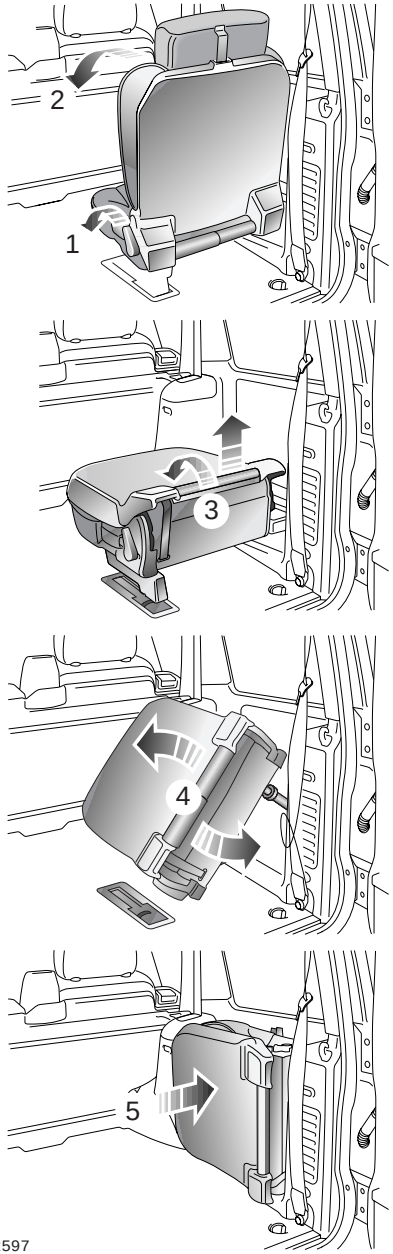
Do not carry passengers in the occasional rear seats if a dog guard is fitted between the second row of seats and the loadspace.

Erecting the seats

1. Push the lever (shown in inset) and hold to release the seat from its stowed position.
2. Swing the seat away from the vehicle side, at the same time lifting and turning it towards the horizontal.
3. Lower the seat to the loadspace floor, PUSHING DOWN FIRMLY to ensure that the floor latch has fully engaged.
4. Pull the backrest into the upright position.

NOTE: *The backrest cannot be raised unless the seat is securely latched to the floor.*

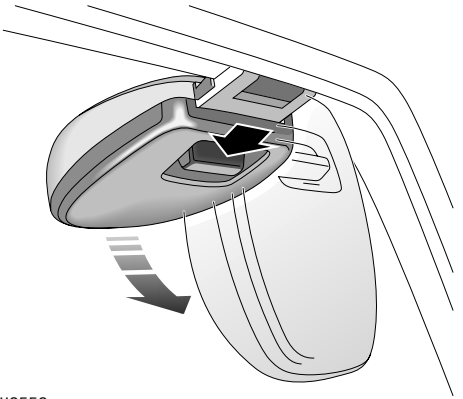
IMPORTANT INFORMATION
Remember to unfold the head restraints from the roof before driving.



Stowing the seats

Before stowing a seat, ensure that the drinks tray to the side of the seat has been emptied, and that the seat belt buckle is folded down to prevent it from becoming trapped between the backrest and cushion.

1. Push the backrest release lever forward to unlock the backrest.
2. Fold the backrest fully forward.
3. Turn the twist grip (moving part of the bar on the back of the seat) fully forward to release the floor latch, and start to lift the seat from the loadspace floor.
4. Continue lifting, at the same time turning the seat into a vertical position.
5. Push the seat firmly into the vehicle side, ensuring that the seat has engaged fully with the securing catch.



H2552

Head restraints

The head restraints for use with the occasional rear seats are hinged from the roof.

To unfold a head restraint, pull the handle (arrowed in illustration) forward and swing the restraint down from the roof. Stow the head restraint when not in use by pushing it back flush with the roof.

WARNING

DO NOT drive with occupants in the occasional rear seats unless the head restraints are unfolded.

Seat belts

SEAT BELT SAFETY

The seat belts fitted to the front and second row seats are intended for use by adult sized occupants. Each belt should be used by one occupant only.

Observe the following precautions:

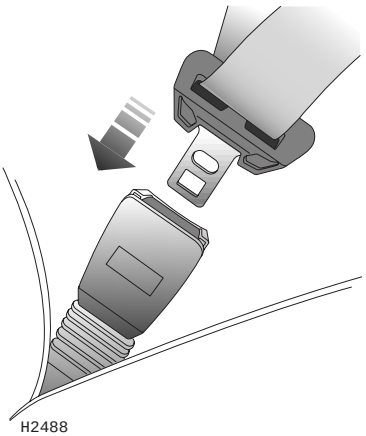
- DO make sure ALL passengers are securely strapped in at all times - even for the shortest journeys.
- ALWAYS adjust seat belts to eliminate any slack in the webbing. DO NOT slacken the webbing by holding the belt away from the body - to be fully effective, the seat belt must remain in full contact with the body at all times.
- ALWAYS fit the lap strap as low on the hips as possible (never across the abdomen), and ensure that the diagonal belt passes across the shoulder without slipping off or pressing on the neck.
- DO NOT wear seat belts over hard, sharp or fragile items in clothing, such as pens, keys, spectacles etc.
- Always replace a seat belt assembly that has withstood the strain of a severe vehicle impact, or if the webbing shows signs of fraying.
- Where possible use the seat belts to secure large items of luggage that are to be carried on the seats - in the event of an accident, insecure items become flying missiles capable of causing serious injury.
- DO NOT use a seat belt that is twisted or obstructed in any way that could impede its smooth operation.
- DO NOT allow front seat occupants to travel with the seat backs reclined steeply rearwards. Optimum benefit is obtained from the seat belt with the seat back angle set to approximately 25 degrees from the upright (vertical) position.
- DO NOT allow foreign matter (particularly sugary food and drink particles) to enter the seat belt locks - such substances can render the locks inoperative.
- In most countries, all occupants are required by law to wear a seat belt, unless they have been issued with a medical exemption certificate.
- During pregnancy, women should wear the lap belt across the hips below the baby, with the diagonal belt passing across the shoulder, between the breasts and to one side of the baby - if in doubt, consult a doctor.

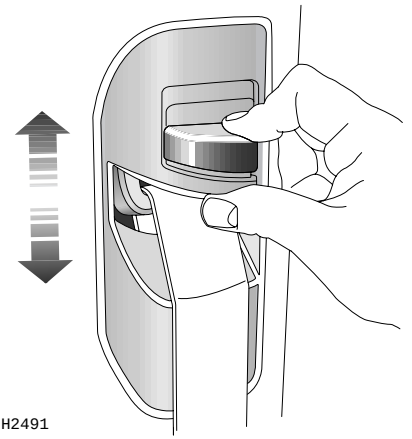
WARNING

The airbag supplementary restraint system (SRS) is designed to add to the overall effectiveness of the seat belts. It does not replace them. SEAT BELTS MUST ALWAYS BE WORN!

Ensure that all seat belts are worn correctly - an improperly worn seat belt increases the risk of death or serious injury in the event of a collision.

Seat belts





Fastening the seat belts

Inertia reel belts are fitted to all front and rear seating positions, and also to the occasional rear seats (where fitted).

Pull the belt over the shoulder and across the chest and, ensuring that the webbing is not twisted, insert the metal tongue plate into the buckle nearest the wearer - a 'CLICK' indicates that the belt is securely locked.

Seat belts are designed to bear upon the bony structure of the body (pelvis, chest and shoulders) and can only be worn safely with the seats in a normal upright position - DO NOT allow front seat occupants to travel with the seat steeply reclined.

Releasing the belt

Press the RED button on the seat belt buckle.

Upper anchorage adjustment (front seats only)

The height of the seat belt upper anchorage can be adjusted for comfort AND safety. Squeeze the control between finger and thumb to raise or lower the anchorage. For safety, the seat belt should always be worn with the webbing crossing the shoulder MIDWAY BETWEEN THE NECK AND THE EDGE OF THE SHOULDER.

Ensure the anchorage has 'clicked' into one of the locked positions before driving.

Where possible, rear seat passengers should adjust their position on the seat to enable the seat belt webbing to cross the shoulder without pressing on the neck.

Child seats

The seat belts fitted to your vehicle are designed for adults and larger children. For their safety, it is very important that all infants and young children are restrained in a suitable child safety seat appropriate to their age and size. Safety seats approved for use in your vehicle are available from your Land Rover dealer.

Only fit a child seat that has been approved for use in your vehicle, and ensure the manufacturer's fitting instructions are followed exactly.

Vehicles fitted with a passenger airbag:

For optimum safety, children should travel in the rear of the vehicle at all times. However, if a passenger airbag is fitted and it is essential that a child travel in the front, set the seat fully rearward and seat the child in an approved, FORWARD FACING child seat. DO NOT use a rear facing child seat - an inflating airbag could impact with the seat and cause serious injury to the child!



The above symbol affixed to the passenger side fascia panel of your vehicle, warns against the use of a REAR FACING child seat in the front passenger seat, when a passenger airbag is fitted. This type of child seat could cause serious injury to a child in the event of an airbag deployment.

WARNING

DO NOT install a rearward facing child seat in a passenger seat equipped with an airbag system. Failure to follow this advice could result in serious injury, or even death for the child.

Seat belt locking mechanism

All front passenger and second row seat belts have a special locking mechanism which aids the retention of child seats. The procedure to install a child seat is as follows:

1. Install the child seat in the vehicle, attach the seat belt and secure the buckle in accordance with the manufacturers fitting instructions.
2. Pull on the shoulder section of the belt to unreel all of the remaining webbing to the limit of its travel. This will engage the automatic locking feature, which then acts as a ratchet, allowing the webbing to retract ONLY.
3. Allow the seat belt to retract onto the child seat (a 'clicking' sound will confirm that the ratchet has engaged), firmly pushing the child seat into the seat.
4. Ensure there is no slack in the seat belt by pulling upwards on the shoulder belt immediately above the child restraint. The seat belt should now be locked and the child seat held firmly in position.

Once the child seat is removed and all the seat belt webbing is allowed to retract, the seat belt locking mechanism reverts to normal operation.

NOTE: *The automatic locking mechanism should also be used when securing large items of luggage to a seat.*

SEAT BELT PRE-TENSIONERS

The seat belt pre-tensioners activate in conjunction with the airbag SRS and provide additional protection in the event of a severe frontal impact on the vehicle (see *'Airbag SRS').* The pre-tensioners automatically retract the seat belts fitted to the front seats. This reduces any slack in both the lap and diagonal portions of the belts, thereby reducing forward movement of the belt wearer in the event of a severe frontal collision.

The airbag SRS warning light on the instrument panel will alert you to any malfunction of the seat belt pre-tensioners.

If the pre-tensioners have been activated, the seat belts will still function as restraints, and must be worn in the event that the vehicle remains in a driveable condition.

NOTE: *The seat belt pre-tensioners will NOT be activated by rear, side or minor frontal impacts.*

IMPORTANT INFORMATION

The seat belt pre-tensioners will only be activated once and then MUST BE REPLACED by a Land Rover dealer. Failure to replace the pre-tensioners will reduce the efficiency of the vehicle's front restraint systems.

After any frontal impact, always have the seat belts and pre-tensioners checked and, if necessary, replaced by a Land Rover dealer.

In the interests of safety, it is recommended that removal or replacement of the front seats and seat belts should only be carried out by a Land Rover dealer.

Caring for seat belts

Regularly inspect the belt webbing for signs of fraying, cuts and wear; also pay particular attention to the condition of the fixing points and adjusters.

DO NOT bleach or dye the webbing and avoid contaminating the webbing with polish, oil or chemicals (see *'Cleaning & vehicle care').*

Testing inertia reel belts

1. With the seat belt fastened, give the webbing near the buckle a quick upward pull. The buckle must remain securely locked.
2. With the seat belt unfastened, unreel the webbing to the limit of its travel. Check that unreeling is free from snatches and snags and then allow the belt to FULLY retract.
3. Partially unreel the webbing, then hold the tongue plate and give it a quick forward pull. The mechanism must lock automatically and prevent any further unreeling.

If a seat belt should fail any of these tests, contact your dealer immediately.

WARNING

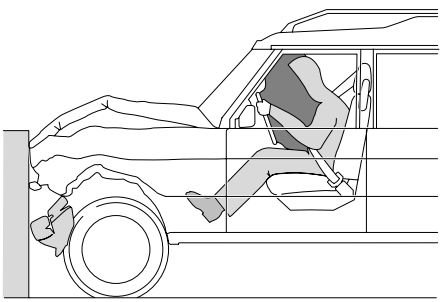
Always replace a seat belt that shows signs of webbing damage or has withstood the strain of a severe vehicle impact.

Airbag SRS



The airbag supplementary restraint system (SRS) (when fitted) provides additional protection for either the driver, or the driver and front seat passenger, in the event of a severe frontal impact on the vehicle.

Always remember; the airbag is a supplementary restraint system that provides ADDITIONAL protection in a frontal impact only - it does NOT replace the need to wear a seat belt. For maximum safety protection in all crash situations, a seat belt must be worn.



H2474

Airbag SRS warning light

A warning light mounted on the instrument panel will alert you to any malfunction of the airbag SRS. The airbag SRS should always be checked by a dealer if any of the following symptoms occur:

- The warning light fails to illuminate when the starter switch is turned to position 'II'.
- The warning light fails to extinguish within approximately four seconds after the starter switch is turned to position 'II'.
- The warning light illuminates after the engine is started, or while the vehicle is being driven.

How the airbag SRS works

The airbag supplementary restraint system (SRS) includes either: a single airbag module (mounted in the steering wheel centre pad) for the driver, or twin airbag modules (where shown in illustration) to protect both the driver and the front seat passenger.

In the event of a frontal collision, a sensor monitors the force of the impact to determine whether the airbag SRS should be activated.

If the impact is sufficiently severe, the system causes each airbag to inflate. Inflation is instantaneous and accompanied by a loud noise. Also evident may be traces of smoke and powder, neither of which are injurious or indicative of a malfunction of the airbag.

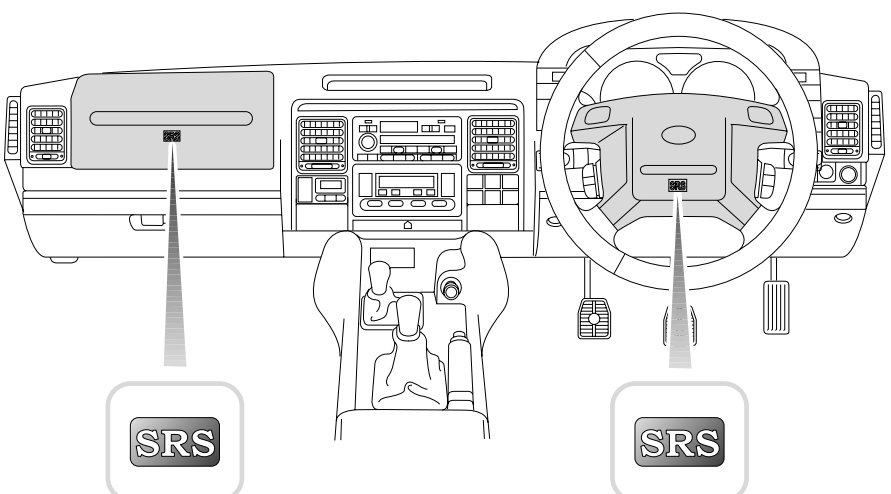
After inflation, the driver's airbag will immediately deflate, thereby ensuring that visibility is not impaired.

NOTE: *An airbag will not inflate as a result of heavy braking, minor bumps or potholes.*

WARNING

An inflating airbag can cause facial abrasions and other injuries. Minimise the risk of injury by ensuring that front seat occupants are wearing their seat belts and are seated correctly, with the seat as far back as is practical.

Following inflation some airbag SRS components are hot - DO NOT touch until they have cooled.



H2551

IMPORTANT INFORMATION

Even with airbag SRS equipment fitted, seat belts must ALWAYS be worn because:

- An airbag will only provide protection in severe frontal collisions. NO protection is afforded against the effects of side or rear impacts, roll over accidents, or minor frontal impacts.
- Inflation and deflation take place very quickly and will not provide protection against the effects of secondary impacts that can occur during multiple vehicle collisions.

The airbag module inflates with considerable speed and force. For your safety:

- NEVER attach accessory items to an airbag module cover, or place items of hand luggage or any objects on the top of a module cover; these could interfere with the inflation of the airbag, or if the airbag inflates, be propelled inside the vehicle causing injury to the occupants.
- DO NOT allow occupants to obstruct the operation of the airbag modules by placing their feet, knees or any part of their person in contact with, or in close proximity to, an airbag module while the vehicle is in motion.

IMPORTANT INFORMATION

- CHILD SEATS: Do not install a rearward facing child seat in a passenger seat equipped with an airbag system. Failure to follow this advice could result in serious injury, or even death for the child.
- If it is necessary for a child to travel in the front, set the seat fully rearwards and use ONLY an approved FORWARD FACING child seat.

Service information

After ten years from the original date of registration (or the installation date of a replacement airbag SRS), some components will need to be replaced by a Land Rover dealer (note the 'airbag module replacement date' shown on page 2 of the Service Portfolio book).

In addition, ALWAYS contact your dealer if:

- an airbag inflates.
- the front of the vehicle is damaged, even if the airbag has not inflated.
- any part of an airbag module cover (the steering wheel centre pad or fascia panel) shows signs of cracking or damage.

WARNING

DO NOT attempt to service, repair, replace, modify or tamper with any part of the airbag SRS, or wiring in the vicinity of an airbag SRS component; this could cause the system to activate, resulting in personal injury.

Disposing of vehicles

If you sell your vehicle, be sure to inform the new owner that the vehicle has an airbag SRS. In addition, make sure the new owner is aware of the airbag module replacement date shown on page 2 of the Service Portfolio book.

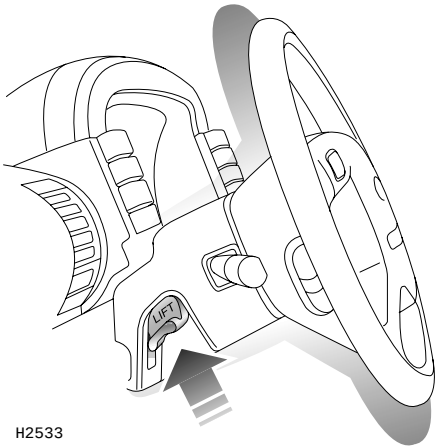
If your vehicle is to be scrapped; uninflated airbags are potentially very dangerous and must be safely deployed in a controlled environment by qualified personnel, before a vehicle is scrapped.

IMPORTANT INFORMATION

The components that make up the airbag SRS are sensitive to electrical or physical interference, either of which could easily damage the system and cause inadvertent operation or a malfunction of the airbag.

For your safety it is recommended that you seek the assistance of a Land Rover dealer to carry out any of the following:

- Removal or repair of any wiring or component in the vicinity of any of the SRS components (yellow wiring harness), including the steering wheel, steering column, instrument and fascia panels.
- Installation of electronic equipment such as a mobile phone, two-way radio or in-car entertainment system.
- Modification to the front of the vehicle, including the bumper and chassis.
- Attachment of accessories to the front of the vehicle.



H2533

STEERING COLUMN ADJUSTMENT

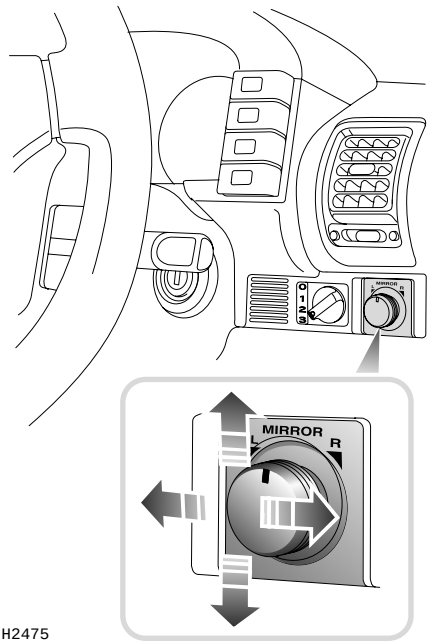
The angle of the steering column can be adjusted to suit your driving position:

1. With the vehicle stationary, push the locking lever up and hold in this position.
2. Move the steering wheel (up or down) into the desired position, making sure the instrument panel is clearly visible.
3. When adjustment is complete, release the locking lever to lock the steering column in position.

WARNING

DO NOT adjust the steering column while the vehicle is in motion. This is extremely dangerous!

Door mirrors



H2475

MIRROR ADJUSTMENT

Electric operation:

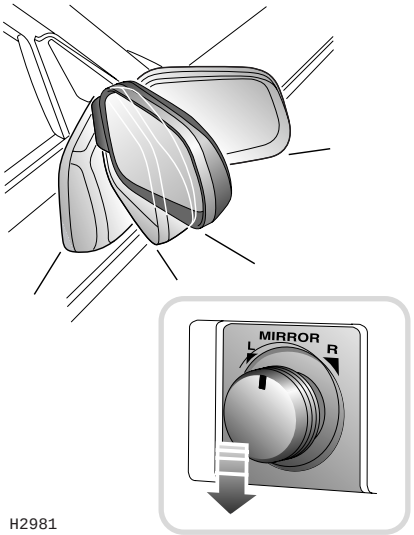
1. Turn the control to the **'L'** or **'R'** position to select either the left or right hand mirror.
2. With the starter switch turned to position 'II', push the control in the appropriate direction to tilt the mirror glass up/down/left or right.
3. When adjustment is complete, return the control to the OFF position (midway between 'L' and 'R').

NOTE: *Heating elements inside the mirrors operate in conjunction with the heated rear window to disperse ice, mist and rain.*

Manual operation:

Some vehicles are equipped with manually controlled mirrors, where the mirror glasses must be adjusted by hand to the required position.

Door mirrors



H2981

Folding the mirror body

The door mirrors are designed to fold forwards or rearwards on impact. They can also be folded back towards the side windows into a 'park' position to enable the vehicle to negotiate narrower openings.

Manual operation:

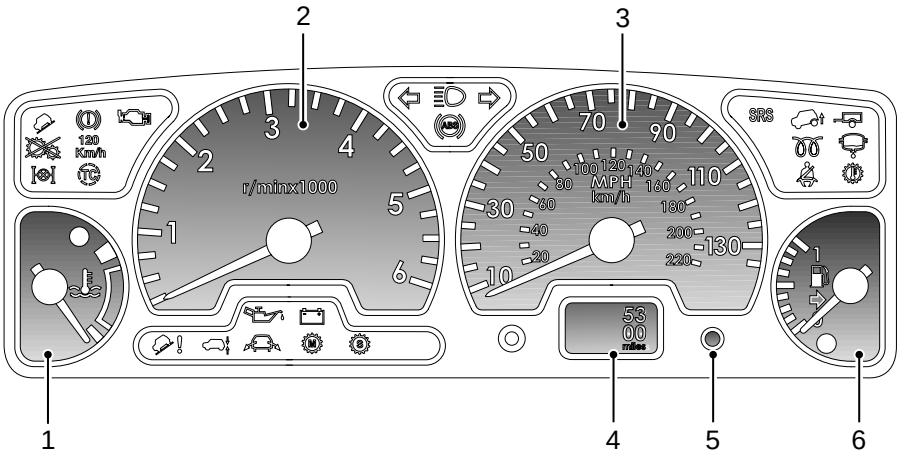
On some vehicles this operation can be carried out manually by physically pushing the mirror bodies back towards the side windows, and then pulling them back into the normal (extended) positions.

Electric operation:

On some vehicles mirror folding can be carried out electrically as follows:

1. Ensure the mirror control is turned to the centre position.
2. With the starter switch turned to position 'II', push the control down once to fold the mirrors back towards the side windows.
3. Before driving, push the control down a second time to return the mirrors to their normal (extended) position.

If the mirrors are accidentally knocked out of position (i.e. with one mirror extended and the other in the 'parked' position), an additional operation of the switch will re-synchronise them.



H2581a

1. Temperature gauge

Once the engine coolant has reached its normal operating temperature, the pointer will rise to a position within the WHITE segment of the gauge (the precise position will vary according to climatic conditions).

If the pointer moves towards the RED segment, this indicates that the engine coolant is becoming too hot. Should the pointer move INTO the RED segment and the RED warning light within the gauge illuminates, severe engine damage could occur (under these circumstances, the air conditioning may switch off and engine performance may reduce in order to minimise engine load).

Stop the vehicle as soon as safety permits and allow the engine to idle for five minutes in order to cool down - DO NOT SWITCH OFF. Seek qualified assistance before continuing.

2. Tachometer

Indicates engine speed in revolutions per minute (x 1000). In normal driving conditions the engine is most fuel efficient between 2000 and 3000 rev/min.

Vehicles equipped with a catalytic converter are fitted with a system which automatically restricts the number of engine revolutions per minute once the engine's maximum 'governed' speed has been reached.

3. Speedometer

Indicates road speed in miles per hour and/or kilometres per hour.

4. Total distance (odometer) and trip recorder

With the starter switch turned to position 'II', the display indicates the total distance travelled by the vehicle, and also shows the most recent individual journey distance.
In some markets, the display can be set to show either miles or kilometres. To convert from one to another, press and hold the trip recorder reset button for more than two seconds.

NOTE: *On automatic gearbox vehicles the display also indicates which selector position is selected.*

5. Trip recorder reset button

Press briefly to return the trip recorder display to zero.

6. Fuel gauge

The pointer drops to zero when the starter switch is turned off, but quickly rises to show the level of fuel in the tank when the switch is turned to position 'II'. After refuelling, the gauge rapidly rises to reflect the increase of fuel in the tank.

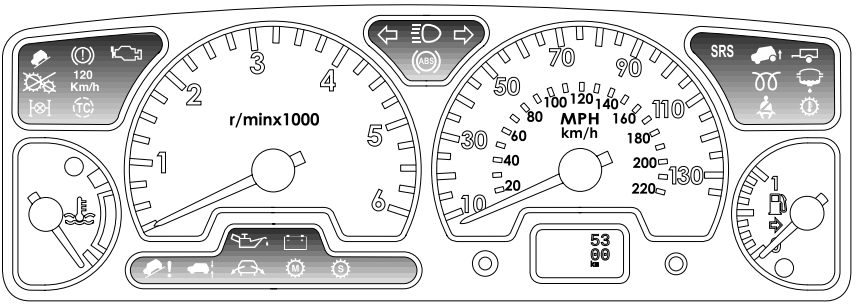
When the fuel remaining in the tank is a minimum of 3 gallons (14 litres) on petrol vehicles, or 2 gallons (9 litres) on diesel vehicles, the AMBER low fuel warning light in the fuel gauge illuminates. If the light illuminates, refuel at the first opportunity.

The small arrow visible below the fuel pump symbol on the gauge indicates the side of the vehicle on which the fuel filler is located - a useful reminder to help you position the vehicle on the correct side of the forecourt pumps before refuelling.

WARNING

NEVER allow petrol engined models to run out of fuel (the resultant misfire may destroy the catalytic converter).

Warning lights



H2483a

The location and specification of the warning lights may vary according to model and market requirements.

Check engine - AMBER (if fitted)
The light illuminates as a bulb and system check when the starter switch is turned on, and extinguishes as soon as the engine is started. Illumination at any other time indicates an engine fault - if the light illuminates while driving, avoid high speeds and seek qualified assistance urgently.

Airbag SRS - RED
The light illuminates when the starter switch is turned to position 'II' and extinguishes after about 4 seconds. If the light illuminates at any other time, the system is faulty - seek qualified assistance urgently.

Handbrake, brake fluid - RED
The light illuminates for about 3 seconds as a bulb check when the starter switch is turned on. It also illuminates when the handbrake is applied with the starter switch in position 'II'.

The light should extinguish when the handbrake is fully released or shortly after the electrical circuits are switched on. If the light illuminates whilst driving, a fault with the braking system is indicated. Stop the vehicle as soon as safety permits and seek qualified assistance before continuing.

Low oil pressure - RED
The light illuminates as a bulb check when the starter switch is turned to position 'II' and extinguishes when the engine is started. If the light remains on, flashes on and off, or illuminates whilst driving, stop the vehicle as soon as safety permits and SWITCH OFF THE ENGINE IMMEDIATELY. Seek qualified assistance before driving. Always check the oil level when this light illuminates.



Transmission oil temperature - RED (if fitted)
Illuminates as a bulb check when the starter switch is turned to position 'II' and extinguishes after 3 seconds approx. If the light illuminates while driving, the gearbox oil temperature is too high (most likely to occur in very hot weather during continuous high speed driving, or whilst towing heavy loads on steep inclines or if the handbrake has been applied while driving).

If the light illuminates, reduce speed. If the light remains on, stop the vehicle and allow the gearbox to cool. Do not drive until the light has extinguished. (Depending on the ambient temperature and the carrying loads imposed on the vehicle, it may take several minutes before the light extinguishes and it is safe to drive).



Anti-lock braking system - AMBER
The light illuminates as a bulb and system check when the starter switch is turned to position 'II'. If the light illuminates whilst driving or remains illuminated after the starter switch is turned on, a fault has occurred. This means that full ABS control may not be available and you should seek qualified assistance urgently.

NOTE: *Faults which cause the ABS light to illuminate after the initial system checks, or whilst driving, will be accompanied by a warning chime sounding 3 times.*



Headlight main beam - BLUE
Illuminates when the headlights are switched to main beam.



Direction indicators - GREEN
The left or right warning light flashes in time with the corresponding left or right direction indicator lights whenever they are operated. If the warning light fails to flash, or flashes very rapidly, this may indicate a bulb failure in one of the direction indicator lights.

If the hazard switch is pressed, both warning lights will flash in conjunction with the direction indicator lights.



Trailer direction indicators - GREEN
The light illuminates briefly as a bulb check when the starter switch is turned to position II. If a trailer is attached, the light illuminates in conjunction with the vehicle direction indicator lights to show that all trailer indicator lights are functioning correctly. In the event of a bulb failure on the trailer, the warning light remains off.



Glow plug - AMBER (diesel only)
Illuminates when the starter switch is turned to position 'II'. Wait for the light to extinguish before starting the engine.



Differential lock - RED
Illuminates whenever the differential is locked.

While carrying out maintenance operations on your vehicle, it may be necessary for the dealer to lock the differential between the front and rear axles. This will cause the warning light to illuminate.

The dealer should always unlock the differential before returning the vehicle to the owner. However, if the light illuminates when the starter switch is turned on, this indicates that this has not been done. The vehicle should not be driven in this condition because ABS performance will be impaired and Traction Control will be disabled. Contact your dealer immediately and ask for the differential to be unlocked.



Battery charging - RED
The light illuminates as a bulb check when the starter switch is turned to position 'II' and extinguishes once the engine is running. If it remains on, or illuminates whilst driving, a fault is indicated. Seek qualified assistance urgently.



Seat belt - RED (if fitted)
The light illuminates when the starter switch is turned to position 'II' and extinguishes after approximately 6 seconds, even if the driver's seat belt remains unfastened. In some markets illumination of the light will be accompanied by a warning chime *(see 'Audible warnings')*.



Hill descent control (HDC) 'information' - GREEN
Illuminates briefly as a bulb and system check when the starter switch is turned to position 'II' and also when HDC is selected.

If HDC is selected when Low Range gears are engaged the light will illuminate continuously indicating that HDC is active.

When HDC is selected and non-operating gears are engaged (i.e. High range), the light will flash to inform the driver that HDC is selected, but will not operate.

If the light starts to flash while HDC is active, normal functionality may seize and HDC 'fade out' may be induced (see *'Hill Descent Control')*.



Hill descent control (HDC) 'failure' - AMBER
The light illuminates briefly as a bulb and system check when the starter switch is turned to position 'II'.

If the light illuminates at any other time, either a fault has occurred which affects the functionality of the system, or over-use of the system has been detected, in which case HDC may 'fade out' (see *'Hill Descent Control')*.

NOTE: *Faults which cause the HDC 'failure' light to illuminate after the initial system checks, or whilst driving, will be accompanied by a warning chime sounding 3 times.*



Traction Control - AMBER
Illuminates as a bulb check when the starter switch is turned to position 'II' and extinguishes after approximately 3 seconds. The light illuminates for a minimum of 2 seconds, whenever traction control is operating.

If the light illuminates continuously, and remains illuminated when the vehicle is stationary, a fault with the system is indicated; seek qualified assistance.

NOTE: *Faults which cause the light to illuminate after the initial system checks, or whilst driving, will be accompanied by a warning chime sounding 3 times.*



Active cornering enhancement (ACE) - RED/AMBER (if fitted)
The light illuminates RED when the starter switch is turned to position 'II'. After two seconds, the RED illumination changes to AMBER, and after a further two seconds, the light extinguishes.

If illumination occurs while driving, a fault with the system is indicated, as follows:

If the light shows RED *(a flashing red light which changes to constant illumination after two minutes, and is accompanied by a warning chime):*
This indicates a system fault that may result in serious damage to vehicle components and reduced ACE performance. Stop the vehicle as soon as safety permits and switch off the engine. DO NOT CONTINUE DRIVING! Seek qualified assistance immediately.

If the light shows AMBER *(constant illumination).*
This indicates a system fault that will result in reduced ACE performance but will not leave the vehicle in a dangerous condition. You may continue driving, but reduce speed, take additional care, and consult a Land Rover dealer at the earliest opportunity.



Fuel filter - AMBER (diesel only)
Illuminates as a bulb check when the starter switch is turned to position 'II' and extinguishes after 3 seconds approximately. If the light illuminates while driving, this indicates the presence of excessive amounts of water in the fuel. You may continue driving but should seek qualified assistance at the earliest convenient time.



Off Road - AMBER (if fitted)
Illuminates briefly as a bulb and system check when the starter switch is turned to position 'II' and then extinguishes.

If the off-road switch is pressed:
The light flashes continually while the rear of the vehicle is either; rising to off-road height, or returning to standard ride height. The light illuminates constantly while the suspension remains at off-road height.

In addition, the light will flash if extended mode is induced.



Manual mode - GREEN (Auto only)
Illuminates for 3 seconds as a bulb check when the starter switch is turned to position 'II'. Illuminates constantly while Manual mode is selected.

NOTE: *If both the Manual and Sport mode lights (shown below) flash together, this indicates an electrical fault with the automatic gearbox. If the lights continue flashing after the vehicle has been brought to a halt and the starter switch has been turned off and then on again, you should seek qualified assistance urgently.*



Sport mode - GREEN (Auto only)
Illuminates for 3 seconds as a bulb check when the starter switch is turned to position 'II'. Illuminates constantly while Sport mode is selected.



Self-levelling suspension - AMBER (if fitted)
Illuminates briefly as a bulb and system check when the starter switch is turned to position 'II' and then extinguishes.

If the remote handset is operated:
The light flashes continually while the rear of the vehicle is being lowered, or raised.

If the light illuminates constantly, this indicates a fault with the self-levelling suspension and you should seek qualified assistance.

AUDIBLE WARNINGS

The market specification will determine which of the following audible warnings are appropriate to your vehicle.

Lights on reminder

If the lights are left on after the starter switch is turned off, a warning chime will sound when the driver's door is opened. The chime will cease as soon as the lights are switched off or when the driver's door is closed.

Transfer box reminder

A warning will chime continuously while the transfer gearbox is in neutral.

Self-levelling suspension warning

1. A single warning will chime whenever the off-road switch is operated to raise the vehicle to off-road height, or to return it to standard ride height.
2. A warning will chime continuously while the remote handset is used to lower the vehicle from standard ride height, and also while returning the vehicle to standard ride height.
3. A warning chime will sound 3 times if changes to or from off-road height are requested but not permitted.

ABS warning

If a fault with the anti-lock braking system is detected, a warning will chime three times. You may continue driving, but should understand that full ABS control may not be available. Consult your dealer at the earliest opportunity.

ACE warning

A single warning will chime if a fault with the active cornering enhancement system is detected. The chime will coincide with the ACE warning light flashing RED.

HDC warnings

1. A warning will chime continuously in conjunction with the HDC warning light flashing green, whenever HDC has been selected but the system's operating criteria have not been met.
2. A warning will chime continuously and the HDC failure warning light will illuminate (amber), whenever a fault is detected with the HDC system.
3. A single warning will chime when HDC is deselected.

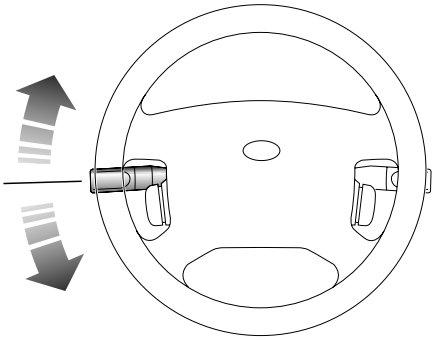
Starter key reminder

If the key is left in the starter switch while the driver's door is open, a warning will chime continuously. The chime stops as soon as the door is closed or the key is removed from the starter switch.

Seat belt reminder

In some markets, if the driver's seat belt has not been fastened when the starter switch is turned on, a warning chime will sound (one second frequency). The chime operates in conjunction with the seat belt warning light and sounds for 6 seconds, or until the seat belt is fastened (whichever occures first).

In Gulf States markets, either; the chime will continue sounding indefinitely until the seat belt is fastened, or; the chime will sound for 6 seconds whenever the driver's door is opened and closed with the starter switch turned on.

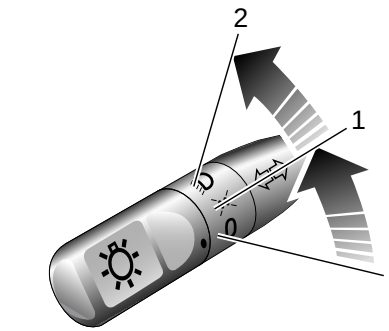


H2582

Direction indicators

Move the lever DOWN to indicate a LEFT turn, and UP to indicate a RIGHT turn (the appropriate GREEN warning light on the instrument panel will flash in time with the direction indicators).

Hold the lever part-way up or down against spring pressure to indicate a lane change.



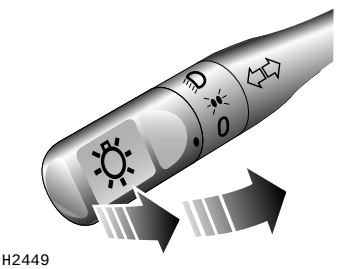
H2448

Side, tail and instrument panel lights

Turn lighting switch to position 1.

Headlights

Turn lighting switch to position 2.

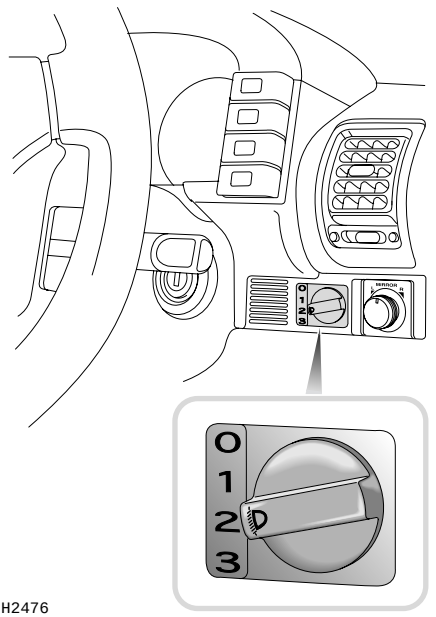


H2449

Headlight main and dipped beams

Pull the lever fully towards the steering wheel to change headlight beams (BLUE warning light glows when the headlights are on main beam).

To flash the headlights, pull the lever part way towards the steering wheel and release.



H2476

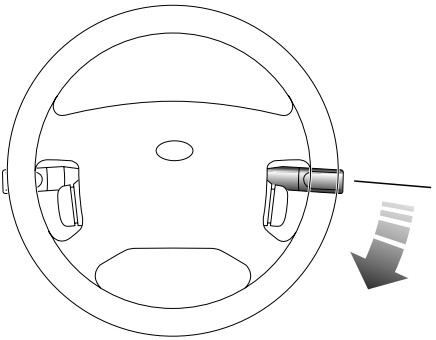
Suspension type		
Coil	**Air**	
'0'	'0'	Driver, or driver and front passenger only (loadspace empty).
'1'	'1'	All seats occupied (loadspace and occasional rear seats empty)
'2'	'2'	All seats occupied with loadspace loaded to max. permissible rear axle weight.
'3'	**'2'**	Driver only with loadspace loaded to max. permissible rear axle weight.

Headlight levelling (if fitted)

The angle of the headlight beams is affected by the distribution of weight inside the vehicle. The headlights should be adjusted so that the point at which the beams meet the road surface ahead of the vehicle provides adequate illumination without dazzling other road users.

The four-position switch should be used to adjust the headlight beams in relation to the vehicle loadings identified opposite.

Note that the loading criteria differs for vehicles with conventional coil spring suspension, compared with those fitted with air suspension (if in doubt, air suspension vehicles can be identified by the fascia-mounted off-road switch).



H2583

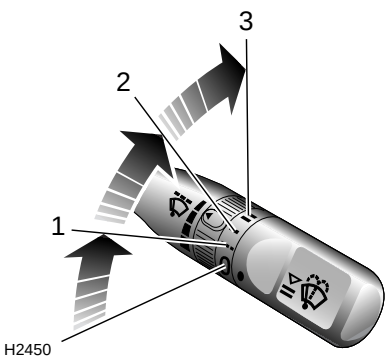
WINDSCREEN WIPERS

The wipers and washers will only operate when the starter switch is turned to position 'I' or 'II'.

Single wipe

Pull the lever down and release immediately.

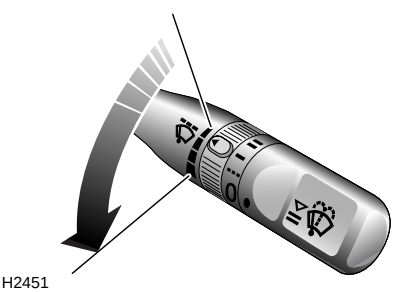
NOTE: *With the lever held down, the wipers will operate at high speed until the lever is released.*



H2450

1. **Intermittent wipe**
   Turn switch to first position.
2. **Normal speed wipe**
   Turn switch to second position.
3. **Fast speed wipe**
   Turn switch to third position.

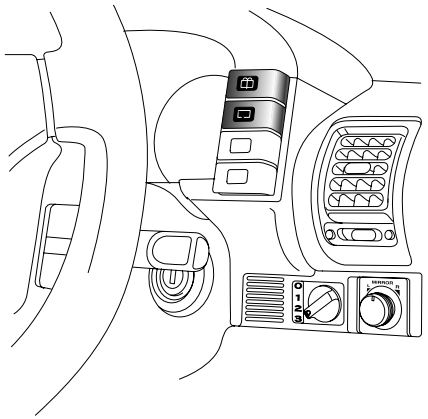
NOTE: *If the front screen wipers are operating (in either intermittent or continuous mode), the rear wiper operates automatically whenever reverse gear is selected.*



H2451

Variable delay (intermittent wipe)

Rotate the switch to vary the delay between wipes.



H2584

REAR WINDOW WIPERS

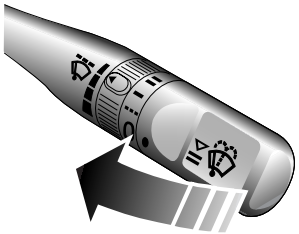


Rear window wash/wipe
Press and hold switch for the required duration of window washing. The wiper operates automatically during washing and continues for a further 3 wipes after the switch is released.



Rear window wiper
Press to operate: after continuously wiping 3 or 4 times, the wiper operates intermittently until switched off.

NOTE: *When reverse gear is selected, the rear wiper will operate either continuously or intermittently in tandem with the front wipers.*



H2452

WINDSCREEN WASHER

Pull the lever towards the steering wheel. The windscreen wipers will operate in conjunction with the washers for as long as the lever is held in this position, the wipers continuing for a further 4 seconds after the lever is released.

HEADLIGHT WASHERS

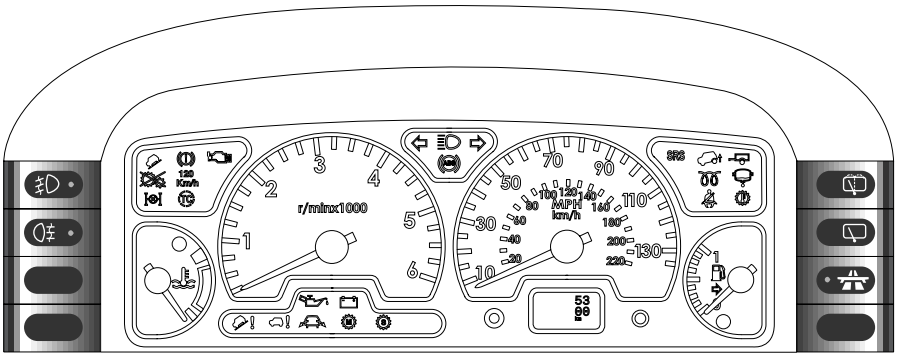
(if fitted)

When the headlights are illuminated, the headlight washers operate automatically in conjunction with every third operation of the windscreen washers.

IMPORTANT INFORMATION

- DO NOT operate the wipers on a dry screen.
- In freezing or very hot conditions, ensure that the blades are not frozen or stuck to the glass.
- In winter, remove any snow or ice from around the arms and blades, including the wiped area of the windscreen and the heater air intakes.

NOTE: *If the wiper blades have stuck to the glass, a thermal cut-out may temporarily prevent the wiper motor from operating. If this is the case, switch the wipers off, free them from the obstruction and then switch on again.*



H2585a

BINNACLE SWITCHES



Front fog lights (if fitted)
Press to operate, press a second time to switch off (the indicator light in the switch illuminates when the fog lights are switched on).

The fog lights can be operated ONLY when the starter switch is at position 'II' and the side or headlights are also switched on. The fog lights extinguish automatically when the side lights or the starter switch is turned off.



Rear fog guard lights
Press to operate, press a second time to switch off (the indicator light in the switch illuminates when the fog guard lights are switched on). The rear fog guard lights illuminate ONLY when the headlights (or front fog lights) are also switched on, and the starter switch is turned to position 'II'. Switching off the headlights, or front fog lights, or turning the starter switch to position '0' will automatically extinguish the rear fog guard lights too (the lights will not illuminate again unless switched on).

ALWAYS remember to switch the fog guard lights off as soon as visibility permits; in clear conditions fog guard lights can dazzle other road users!



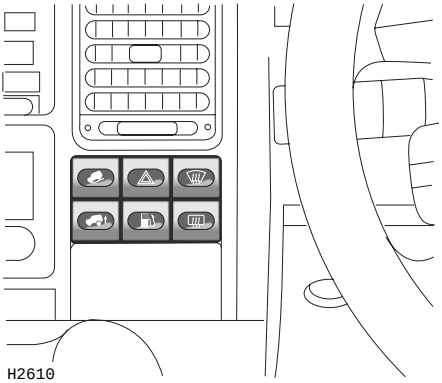
Rear window wash/wipe
The functions of the wash/wipe switch are described under *'Wipers & washers'.*



Rear window wiper
The functions of the rear window wiper switch are described under *'Wipers & washers'.*



Cruise control
Operation and functions of the cruise control switch are described under *'Cruise Control'.*



FASCIA SWITCHES



Hazard warning lights
Press to operate; all the direction indicator lights (including those fitted to a trailer) will flash together. Use ONLY in an emergency to warn other road users when your stationary vehicle is causing an obstruction, or is in a hazardous situation. Remember to switch off before moving away.



Heated front screen (if fitted)
Press to operate (the indicator light in the switch illuminates); press a second time to switch off (the indicator light extinguishes). The heated screen operates only with the engine running. After 5 minutes continuous operation, the heater switches off automatically.



Heated rear window
Press to operate; press a second time to switch off. The indicator light in the switch illuminates while the heating elements are switched on and extinguishes when they are turned off. Note that the heating elements operate only with the engine running.

After 15 minutes continuous operation, the heater switches off automatically.

WARNING

DO NOT stick labels over the heating elements, and DO NOT scrape or use abrasive materials to clean the inside of the window.



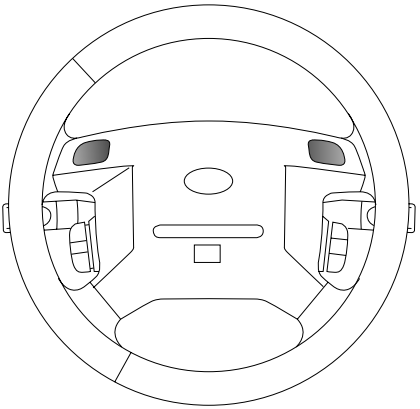
Fuel filler flap
With the starter switch turned to position '0' or '1', press to open the fuel filler flap.



Hill descent control
Press to select hill descent control (HDC) (see *'Hill descent control').*



Off-road suspension mode (if fitted)
Press to raise or lower the suspension to or from off-road height. (see *'Self-levelling suspension').*

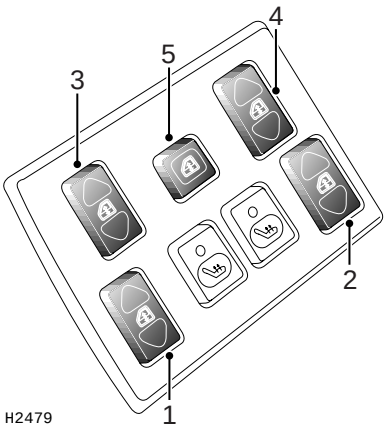


H2586

Horn

To operate, press either of the horn switches set into the steering wheel pad.

Electric windows



ELECTRIC WINDOWS

The switches on the centre console operate the windows as follows:

1. Right hand front window.
2. Left hand front window.
3. Right hand rear window.
4. Left hand rear window.
5. Isolating switch for rear door window switches.

NOTE: *Rear windows can also be operated by the individual switches mounted on each rear door, provided the isolation switch has not been activated.*

Operating the windows

The electric windows can be operated when the starter switch is at position 'II' and for up to 45 seconds after the starter switch is turned to position '0' (provided a door is not opened in the meantime).

Press and HOLD the bottom of a switch to lower and the top of a switch to raise. The window will stop moving as soon as the switch is released.

'One touch' down
(Front windows only)

By briefly pressing (and then releasing) the bottom of a switch, a front window will open fully at a single touch. Window movement can be stopped at any time by BRIEFLY pressing the top of the switch.

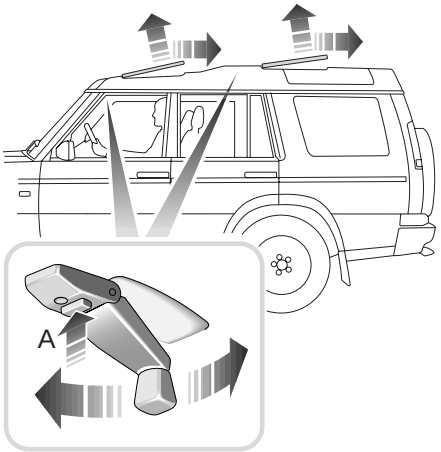
WARNING

Accidental closing of an electrically operated window on fingers, hands or any vulnerable part of the body, can result in serious injury. Always observe the following precautions:

- ***ISOLATE the rear window switches when carrying children.***
- ***ENSURE children are kept clear whilst raising or lowering windows.***
- ***ENSURE that all adult passengers are familiar with the controls and the potential dangers of electrically operated windows.***

Rear window isolation switch

Press once to isolate the rear window switches; press a second time to restore independent control.



H2453

MANUAL SUNROOF

(if fitted)

Pull the operating handle from its recess until it locks in position (see inset). The roof can be opened and closed in two separate phases as follows:

To tilt the roof: depress the locking button 'A' and rotate the handle clockwise ONE COMPLETE TURN.

To fully open the roof: depress the button again and continue turning clockwise.

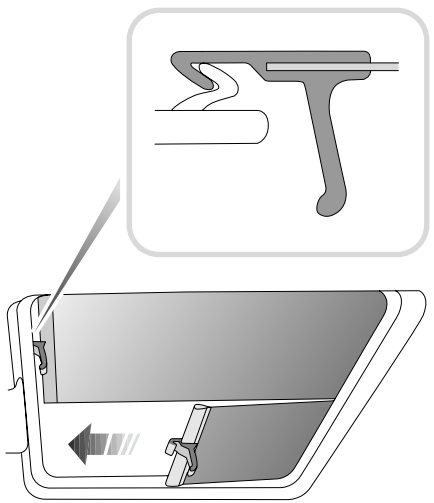
To close the roof: rotate the handle anti-clockwise.

WARNING

ENSURE the sunroof is not obstructed when opening or closing.

DO NOT allow passengers to extend any part of their bodies through the sunroof aperture while the vehicle is moving - injury from flying debris, branches of trees or other obstructions could occur.

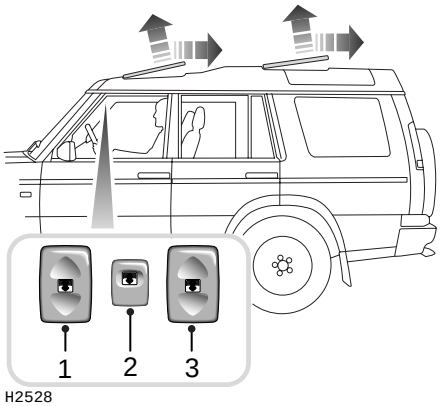
ALWAYS close the roof when the vehicle is unattended.



H2477

Sunroof roller blind

Sunroof



H2528

ELECTRIC SUNROOF

(if fitted)

The electric sunroof can be operated when the starter switch is at position 'II', and for up to 45 seconds after the starter switch is turned off (provided a door is not opened in the meantime).

The roof opens in two separate phases as follows:

To tilt the roof: press the upper part of the switch once BRIEFLY - the rear edge of the roof automatically rises to the tilted position.

To open the roof: press the upper part of the switch BRIEFLY a second time - the roof remains tilted and slides towards the rear until it is fully open or until movement is stopped by briefly pressing the lower part of the switch.

To close the roof: press and hold the lower part of the switch until the roof has moved to the required position.

The roof will pause momentarily when it reaches the tilt position.

NOTE: *If the roof is obstructed for more than 7 seconds whilst opening or closing, an automatic cut-out will prevent the sunroof motor from operating. After a period, operation of the motor will be restored.*

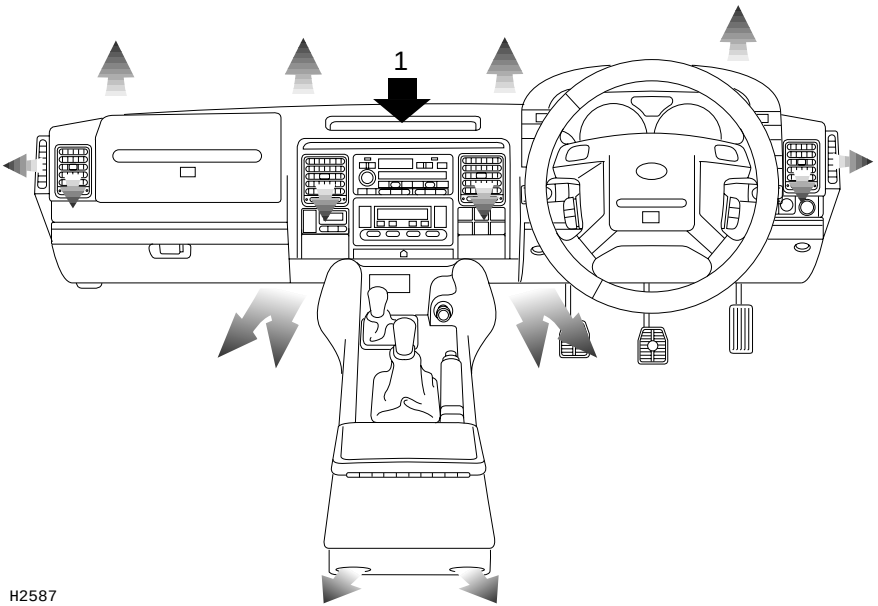
1. Front sunroof operating switch
2. Rear sunroof disable switch. (Always disable the rear sunroof when driving with children in the rear of the vehicle).
3. Rear sunroof operating switch.

NOTE: *Vehicles fitted with a rear sunroof have an additional operating switch set into the roof lining forward of the rear sunroof.*

WARNING

Accidental closure of a sunroof on fingers, hands or any vulnerable part of the body, can result in serious personal injury. Always observe the following precautions:

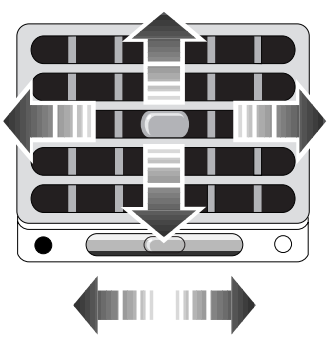
- ***ENSURE the sunroof is not obstructed when opening or closing.***
- ***ENSURE that all adult passengers are familiar with the controls and the potential dangers of operating an electrically operated sunroof.***
- ***DO NOT allow passengers to extend any part of their bodies through the sunroof aperture while the vehicle is moving - injury from flying debris, branches of trees or other obstructions could occur.***
- ***ALWAYS close the roof when the vehicle is unattended.***



H2587

The location of air vents is shown by the air-flow arrows in the picture. The temperature of air supplied to each vent is controlled by the heater.

NOTE: Vent **(1)** is designed to keep the audio unit cool, there is no airflow from this vent.

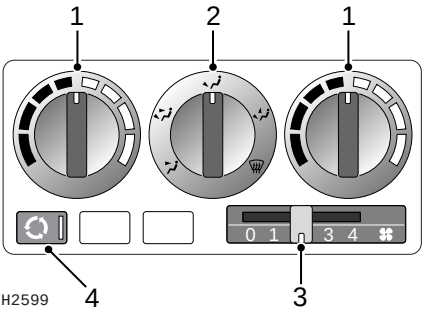


H2454

Face level vents

Each vent can be opened or closed by rotating the thumbwheel: left to open, right to close. Direct the flow of air by moving the control in the centre of the louvres.

To ensure best ventilation and minimum noise, the vents should be fully open when the air distribution control is set to face level.



HEATER CONTROLS

1. Temperature controls

The left hand control varies air temperature from the vents on the left side of the vehicle. The right hand control adjusts air temperature from the vents on the right side. Rotate each control clockwise (towards the RED segments) to increase the air temperature, or anti-clockwise (towards the BLUE) to reduce the temperature.

2. Air distribution control

Rotate to select air distribution:

Air to face vents
(to ensure best performance, the face level vents must be fully open)

Air to face vents and foot outlets
(to ensure best performance, the face level vents must be fully open)

Air to foot outlets

Air to foot outlets and windscreen
(recommended for clearing mild windscreen misting)

All air to windscreen
(recommended for clearing heavy windscreen misting)

3. Air blower switch

Move the control to the right to progressively increase the fan speed.

With the control at **'0'** the fan is stationary and the volume of air entering the passenger compartment is solely dependent upon the ram effect of the vehicle moving through the air.

4. Air recirculation control

Press to recirculate air inside the vehicle (indicator light illuminates).

The air recirculation mode prevents the heating system from taking in fresh air from outside the vehicle. Instead, the air already inside the vehicle is recirculated, thus preventing the entry of traffic fumes. In cold weather air recirculation also enables warmer air to be used to defrost the windscreen when the engine is still cold.

WARNING

The air recirculation mode can cause the windscreen to mist. If this happens, switch off air recirculation immediately.

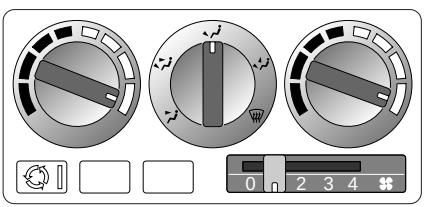
NOTE: *The air blower switch and air recirculation control will only operate with the starter switch at position 'II'.*

USING YOUR HEATER

Fresh air enters the heater unit through the grille in front of the windscreen and stale air is drawn out through vents in the rear of the vehicle. Ensure the grille is kept clear of obstructions (especially snow and ice). Ducts along the transmission tunnel provide heating for rear seat passengers - these must not be obstructed.

The following examples of basic heater settings are intended as a general guide; the air distribution, temperature and blower controls can then be further adjusted to suit your comfort requirements.

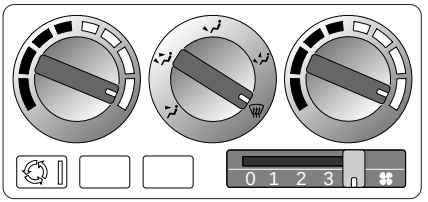
Always remember that full heating is not available until the engine has reached its normal operating temperature.



H2601

Maximum heating

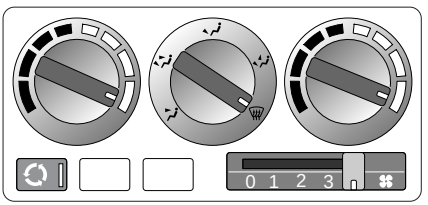
Set the controls as shown, with the blower at the slowest speed (position 1) until the temperature gauge indicates that the engine is warming up - the blower speed can then be increased.



H2603

Demisting

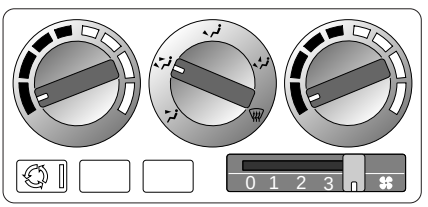
Set the controls as shown to obtain the maximum flow of heated air from the windscreen and side window vents. Opening a window may improve ventilation.



H2604

Defrosting

Set the controls as shown and switch on air recirculation to prevent cold air from being drawn into the vehicle. Turn air recirculation off as soon as the windscreen is clear to prevent any possibility of the windscreen misting.

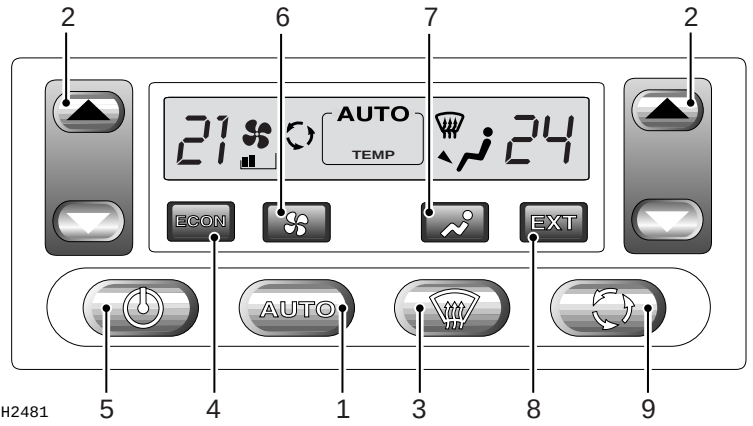


H2602

Maximum ventilation

Set the controls as shown, with the face level vents open. Adjust the blower speed as required.

Air conditioning



The air conditioning system features automatic temperature and air distribution control, which is programmed to maintain optimum levels of comfort within the vehicle in all but the most severe climatic conditions.

While the controls can be adjusted manually to satisfy individual requirements, allowing the system to function automatically (in Auto mode) is by far the simplest method of operation for the owner and is preferable in most operating conditions.

Auto mode

Press 'AUTO' (1) for fully automatic operation.

Press the temperature control switches (2) on either side of the display to select the required temperature.

Let the automatic temperature control system do the rest.

In Auto mode, air distribution and blower speeds are adjusted automatically to achieve and then maintain the desired temperature. (*An enclosed area in the centre of the display will show 'AUTO' together with the air distribution and blower speed settings).*

Both the air distribution and blower controls can be operated independently to override the automatic setting. In this case, the relative symbols will move outside the enclosed area in the centre of the display to indicate that they are no longer being controlled automatically.

NOTE: *If the air distribution and blower controls are operated independently, the system may not be able to achieve or maintain the required temperature settings.*



Defrost mode

If the windscreen is misting or covered in ice, press the 'SCREEN' button (3); the system will immediately direct its output to achieve maximum screen clearing by:
- setting the blower speed to maximum
- distributing air flow to the screen only.

In addition, the rear and front screen heaters (if fitted) will be switched on (or their timed operating cycle will recommence if they are already switched on).

NOTE: *The temperature and blower speed controls can be adjusted and air recirculation selected manually if required.*

Press the 'SCREEN' button a second time (or select 'AUTO') to leave the Defrost mode - the system will default automatically to Auto mode.



Economy mode

Press the 'Econ' button (4) to operate (*the display shows 'ECON').*

In economy mode the air conditioning compressor is switched off and the system functions as a conventional heating and ventilation system. This reduces the load on the engine, thereby reducing fuel consumption.

Select Economy mode whenever air conditioning is not required i.e. in cold weather when the external temperature is lower than the temperature required for the passenger compartment.

The air distribution, blower and recirculation controls can be operated independently.

Pressing the 'Econ' button a second time will switch the air conditioning compressor on and return the system to Auto mode.

NOTE: *In Economy mode, it is possible to switch the blower off (no segments showing in the display).*



On/off button

Press (5) to switch on or off. When switching on, note that the system automatically recalls the mode and control settings that were last used.

Temperature controls

Operate the rocker switches (2) on either side of the display to set the required temperature for the corresponding side of the passenger compartment (left hand switch for the left side of the vehicle, and right hand switch for the right side).

Temperatures above 28° C (82° F) and below 16° C (61° F) cannot be set. Above or below these maximum and minimum settings 'HI' or 'LO' will appear in the display.

NOTE: *The temperatures shown on the display are relative, target, temperatures only and are not reflective of any specific temperature measured within the vehicle interior.*

NOTE: *The system will not achieve temperatures on the passenger side of the vehicle that are more than 5° C (9° F) greater or less than the temperature set for the driver's side.*



Blower button

Press the button (6) to adjust the blower speed. The blower speed increases incrementally with each press of the button, until maximum fan speed is reached (the display shows five segments and the word 'MAX').

Once the maximum fan speed has been reached, another press of the button returns the blower to its slowest speed (one segment shows in the display).



Air distribution control

Press the button (7) to adjust. Air distribution changes incrementally with each press of the switch in the following sequence:



Face level vents



Foot and face level vents



Foot level vents



Foot level, windscreen and side window vents



Windscreen and side window vents

A further operation of the button returns to the start of the sequence.

NOTE: *If the button is pressed for more than one second, air distribution will automatically default to foot and face level vents.*



External temperature

Press the button (8) to display. The external temperature is displayed for approximately 6 seconds, after which the display reverts to its previous state.

NOTE: *While the air conditioning system is switched off, the external temperature can be displayed briefly by pressing the button.*



Air recirculation

The air recirculation feature can be used to prohibit the entry of air from outside the vehicle, alternatively recirculating the air inside the vehicle instead. This is useful to prevent the entry of traffic fumes.

The feature also significantly influences the dehumidifying and cooling performance of the air-conditioning system. Therefore, in Auto mode, air recirculation is controlled automatically to enable the air-conditioning system to achieve its optimum performance.

However, the feature is also manually selectable in Auto, Defrost and Economy modes, as follows:

In Auto mode:

1. Press the control (9) briefly *(display shows recirculation symbol):*

Air recirculation operates until the control is pressed a second time to switch off.

2. Press and hold for 2 seconds *(two bleeps will sound, display shows recirculation symbol):*

Air recirculation operates for a pre-timed period of 4-6 minutes only.

In Defrost and Economy modes:

- Press the control briefly *(display shows recirculation symbol):*

  Air recirculation operates for a pre-timed period of 4-6 minutes only.

- Press and hold for 2 seconds *(two bleeps will sound, display shows recirculation symbol):*

  Air recirculation operates until the control is pressed a second time to switch off.

NOTE: *Prolonged recirculation may cause the windows to mist.*

Temperature conversion (° F - ° C)

The temperature displays can be converted to or from Fahrenheit and Centigrade, as follows:

1. Press and hold the air recirculation button (9).
2. At the same time, press and hold the on/off button (5) for 3 seconds.
3. A 'bleep' will sound to indicate that the conversion has taken place.

General notes

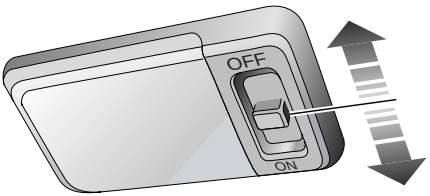
- For optimum operating efficiency, ensure all the air vents (including those in the rear of the vehicle) are open.
- For the automatic temperature control system to function efficiently, all windows (and the sunroof) should be closed, and the air intake vents free from ice, snow, leaves or other debris.
- In very humid conditions, slight screen misting may be experienced when the air conditioning system is turned on. This is a natural occurrence on most automotive air conditioning systems. It is not a fault and misting will clear after a few seconds once the air conditioning system is operating.
- The air conditioning compressor will not function unless the engine is running.
- Surplus water produced by the dehumidifying process is expelled from the system via drain tubes beneath the vehicle. This may result in a small pool of water forming on the road when the vehicle is stationary and is not a cause for concern.
- If desired, the system's audible information chimes can be deactivated, as follows:

  1) Press 'Auto' button and hold.

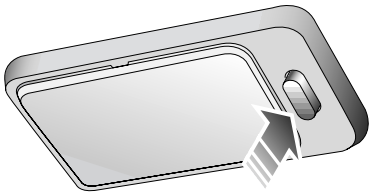
  2) Press 'On/off' button and hold pressed for 3 seconds, then release.

  3) Press 'On/off' button again for a further 3 seconds, and release.

  4) Release 'Auto' button.



H2592



H2593

FRONT INTERIOR & LOADSPACE LIGHTS

Switch positions:

'OFF' - Light permanently off.

'ON' - Light illuminates continuously.

With the switch in the centre position, the interior light illuminates automatically whenever the vehicle is unlocked, when the starter switch is turned off (to position '0'), or when a door or taildoor is opened. The light remains illuminated for 15 seconds after the doors and taildoor are closed, or until the starter switch is turned on.

After driving, the interior lights will fade and then extinguish as soon as the vehicle is locked or when the last door is closed.

NOTE: *When the light is switched for automatic operation (switch in centre position), a 'time-out' function extinguishes the lights after 8 minutes approx. if a door is left open, to prevent the battery from discharging.*

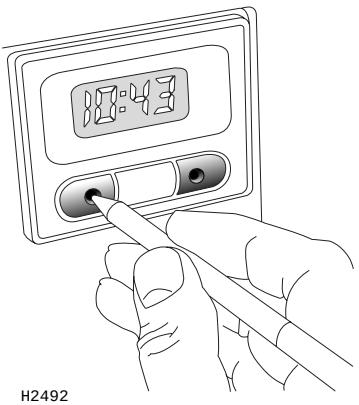
REAR INTERIOR LIGHTS

Press the switch to illuminate (or extinguish) the lights manually.

Lights illuminate automatically when the vehicle is unlocked or whenever a door or taildoor is opened, and extinguish approximately 15 seconds after ALL the doors are closed, or as soon as the starter switch is turned on.

GLOVEBOX LIGHT

Illuminates automatically whenever the glovebox is opened, provided the sidelights are switched on, and extinguishes when the glovebox is closed.



H2492

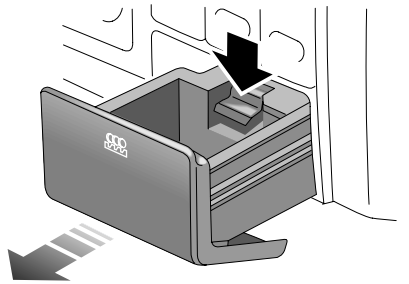
CLOCK

The digital clock display illuminates constantly and dims automatically for night time viewing, when the side lights are illuminated.

To adjust the time, use a ballpoint pen or similar probe to press the hour (left hand) and minute (right hand) controls, until the correct time is displayed.

NOTE: *The clock will need to be reset if the battery is disconnected.*

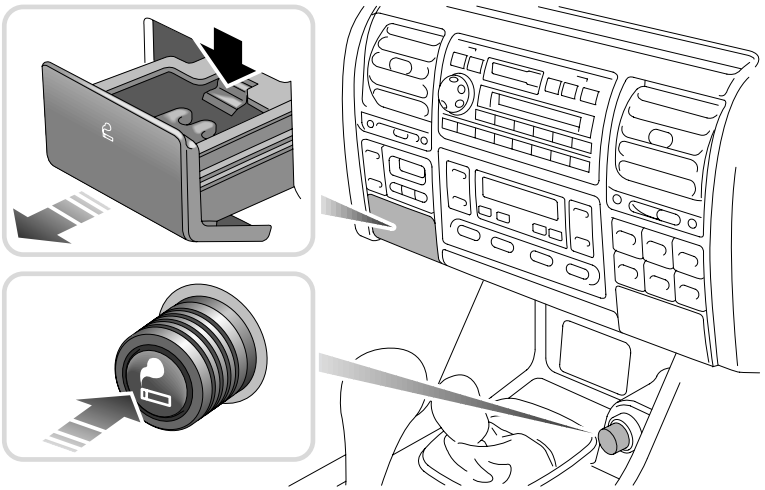
Pressing both hour and minute controls simultaneously 'zeroes' the display.



H2600

COIN TRAY

Push the front to open. To remove the tray, open fully, then press down on the release plate (arrowed in illustration) and pull to remove.

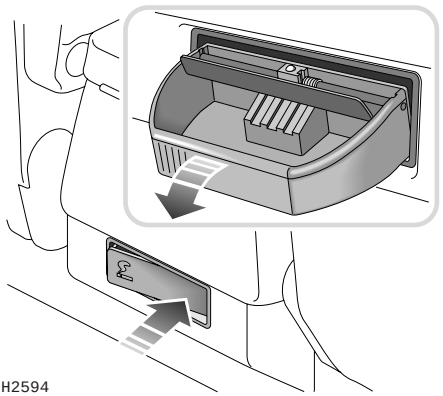


H2503

CIGAR LIGHTER

With the starter switch turned on, press the lighter in to heat up. When it has reached the correct temperature it will partially eject and can then be withdrawn for use.

- ONLY hold the cigar lighter by the handle.
- DO NOT plug accessories into the cigar lighter socket unless they are approved by Land Rover.



H2594

ASHTRAYS

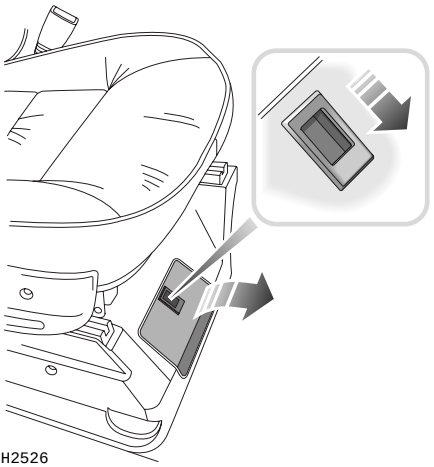
Front: Push the front of the ashtray to open. To remove the ashtray, open fully, then press down on the release plate (arrowed in illustration) and pull to remove.

Rear: Push the front of the ashtray on the right hand side to open. To remove, open the ashtray and then carefully lever the tray downwards to disengage the upper pivot.

Refit by locating the upper pivot and then easing the ashtray into a position whereby the lower pivot can also be engaged.

WARNING

DO NOT use the ashtrays for disposing of waste paper or other combustible items.

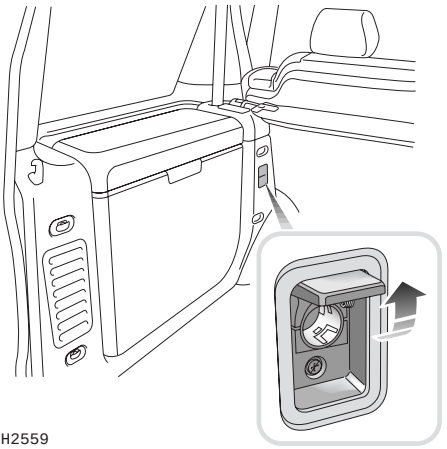


H2526

UNDER SEAT STOWAGE BOX

To gain access, depress the catch (arrowed in illustration) and open the lid.

NOTE: *On some models the stowage box provides the location for a CD autochanger.*



H2559

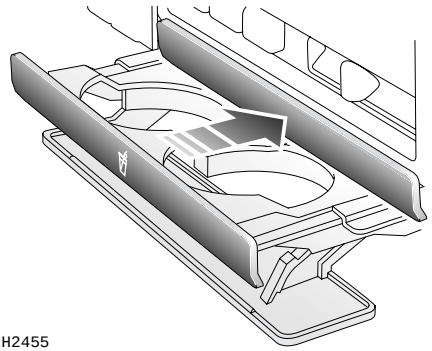
AUXILIARY POWER SOCKET

An auxiliary power socket is mounted immediately behind the rear seat on the left hand side of the loadspace. This can be used to power Land Rover approved accessories that use a maximum of 180 watts.

Always run the engine during prolonged use of electrical accessories, otherwise the battery may become discharged.

WARNING

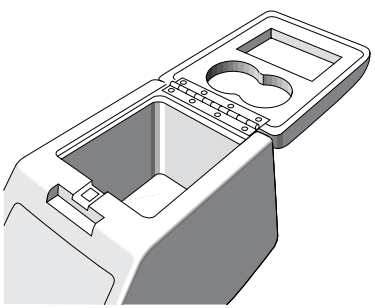
NEVER plug non-approved accessories into the power socket - damage to the vehicle's electrical systems could occur.



H2455

CUP HOLDER - FRONT

Push leading edge of tray to open.

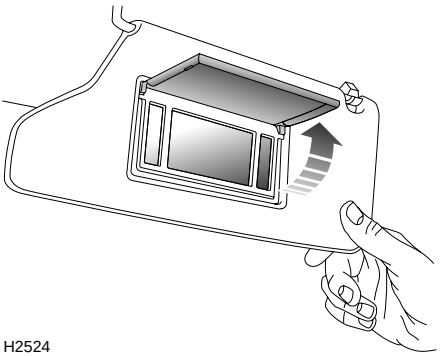


H2456

CUBBY BOX

Lift front of lid to open.

NOTE: *The recesses in the underside of the lid can be used to hold cups or drink cans.*

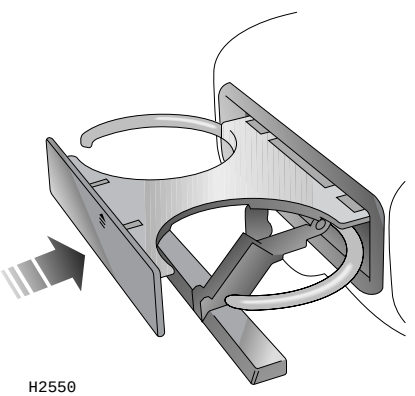


H2524

SUN VISOR VANITY MIRROR ILLUMINATION

(if fitted)

With the starter switch turned to position 'II', pivot the sun visor downward and raise the cover on the vanity mirror to illuminate the mirror. Close the cover to extinguish the lights.

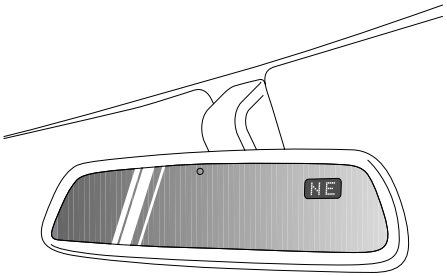


H2550

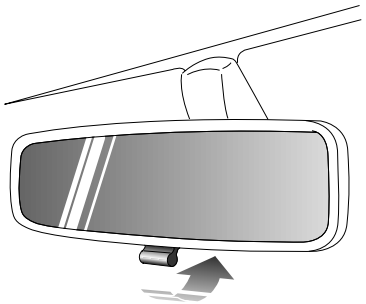
CUP HOLDER - REAR

(if fitted)

With the centre armrest lowered, press the front of the cup holder tray to open.



H3054



H2478

INTERIOR REAR-VIEW MIRROR

Automatic mirror

The automatic rear view mirror is equipped with an automatic dimming function which operates whenever the starter switch is turned to position II. When powered, the mirror will automatically reduce glare from the headlights of following vehicles in dark or low light conditions.

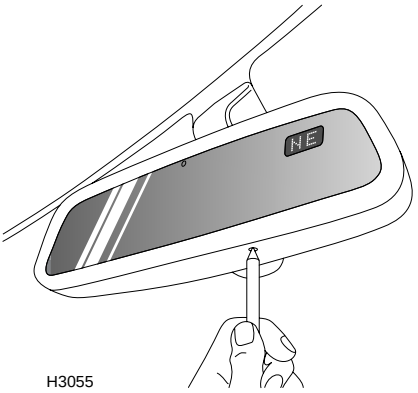
For information about the compass display, see the following pages.

Manual mirror

The manual rear view mirror can be dipped to reduce glare from the headlights of following vehicles. At night, move the lever at the base of the mirror forward to 'dip' the mirror. Normal visibility is restored by pulling the lever back again.

WARNING

In some circumstances the view reflected in a 'dipped' manual mirror can confuse the driver as to the precise location of following vehicles. Remember to take additional care!



H3055

COMPASS MIRROR (if fitted)

WARNING

The compass is a direction aid only. While drivers may wish to observe the compass display while driving, it must not be allowed to distract from proper observation of traffic, road conditions and other hazards, either on the public highway or while driving off-road.

Whenever the starter switch is turned to position II, the vehicle's direction of travel - 'N', 'NE', 'E', 'SE', 'S', 'SW', 'W' or 'NW' - will be displayed in the mirror display. The display will change whenever the vehicle direction changes by more than 22.5 degrees from the midpoint of each compass segment (a short time delay is incorporated to prevent nuisance changes occurring).

To ensure accuracy, the compass must be calibrated and also set to the compass set zone in which the vehicle is to be used (see the appropriate map page that follows). Both operations will have been carried out before the vehicle was delivered. Re-calibration will not normally be necessary unless the vehicle battery has been disconnected for a period of time.

Calibrating the compass

1. Turn the starter switch to position II. The mirror display should show the letter 'C'.
2. If 'C' is not displayed, use a ballpoint pen or similar probe to press the button on the underside of the mirror for six seconds until 'C' is displayed. The button can then be released and the compass calibrated as follows:
3. Calibrate the compass by driving the vehicle in circles at 5 mph or less (two circles should be sufficient) until the mirror display shows a direction ('N', 'NE', 'E', 'SE', 'S', 'SW', 'W' or 'NW'). Alternatively, the compass will eventually calibrate itself during normal vehicle use, but depending upon the type of driving that is undertaken, this may take considerably longer.

Setting the compass

Variations in the earth's magnetic field cause changes to occur in the compass reading as the vehicle is driven from one set zone to another. However, it should be noted that magnetic variation between adjacent zones is only 4 degrees, and for most motoring situations, resetting the compass should only be necessary if the vehicle has crossed more than one zone, or calibration was carried out in any zone other than zone 8.

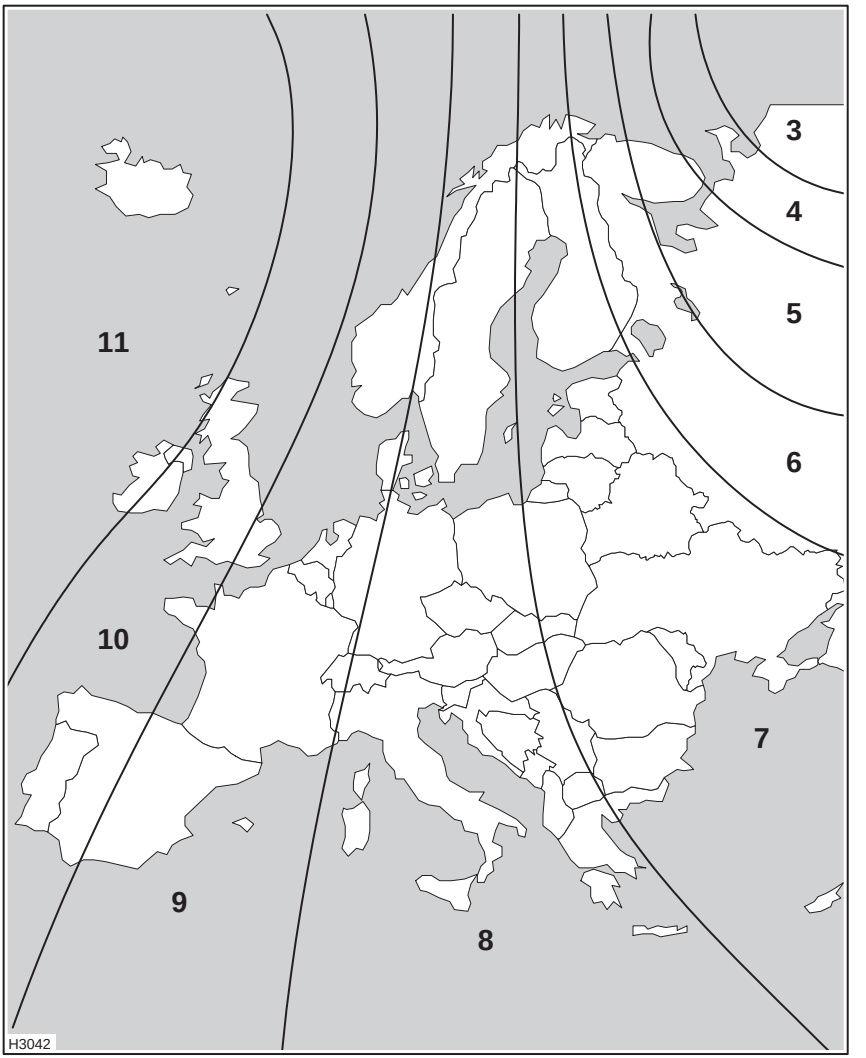
Note that the precise points at which the set zones change cannot be accurately plotted and that drivers situated in an area where zones merge should not need to reset the compass every time the vehicle crosses from one to another.

To set the compass:

1. Identify the appropriate zone for your location (see the map that follows).
2. Turn the starter switch to position II.
3. Using a ballpoint pen or similar probe, press and hold the button on the underside of the mirror until a zone number appears in the display. This will take approximately 3 seconds (note that the compass automatically defaults to zone 8).
4. Release the button, then continue pressing and releasing the button alternately until the required zone number appears in the display.
5. Once the set zone has been selected, the display reappears (after 10 seconds approx.), and the compass is correctly set for the required zone.

Compass set zones

Europe



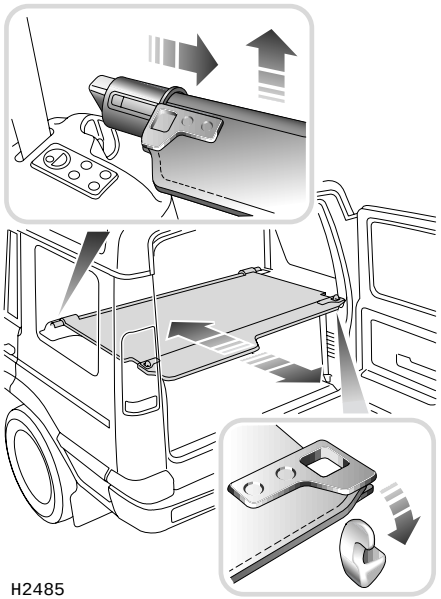
Rear step



REAR STEP (if fitted)

Press down with your foot to lower the step. The step will automatically return to its stowed position after use.

Loadspace Cover



LOADSPACE COVER

The rear loadspace cover is a spring loaded roller blind, which can be retracted when not in use by detaching the cover from the hooks at the rear of the vehicle (see lower inset).

To remove the loadspace cover:

1. Slide the retracted cover firmly to the right.
2. Lift the left hand end of the cover from its location.
3. Carefully manoeuvre the cover from the rear of the vehicle.

Refitting the loadspace cover is the reverse of the removal procedure.

NOTE: *Removal of the loadspace cover may be eased by folding the rear seat backrest forward.*

WARNING

DO NOT carry loose items of luggage on top of the loadspace cover - these may obscure vision and could become dangerous projectiles in the event of a sudden stop or collision.

All equipment, luggage or tools carried in the loadspace should be secured to minimise the risk of injury to the driver and passengers in the event of an accident or emergency manoeuvre.

DO NOT store the loadspace cover loose in the vehicle.

In-Car Telephones

WARNING

Refrain from operating a telephone fitted with its own aerial inside the vehicle (see main text).

Your vehicle utilises a number of electronic systems designed to provide you with maximum comfort, safety and economy. These systems may be affected by the use of mobile communication equipment inside the vehicle. However, the use of an external aerial will greatly reduce the likelihood of this occurrence.

For your safety, always note the following precautions before fitting or using an in-car telephone, or any mobile communication equipment.

- Only use an installation kit incorporating an aerial external to the vehicle.
- Ensure that the installation is carried out by a competent installer.
- Refrain from operating a mobile phone fitted with its own aerial inside the vehicle - the electromagnetic field radiated by the phone may interfere with the vehicle's electrical systems.

For your safety

Using any hand-held appliance while driving can be dangerous. Always stop the vehicle before making a call and ensure the telephone is switched off while you are driving.

Radio aerial

A single aerial (or twin aerials on some models) is etched onto the surface of the glass of one (or both) rear side windows.

No maintenance is possible, however it is important to ensure that the interior surface of the glass is protected from possible damage caused by contact with hard objects or from the injurious effects of abrasive cleaners.

Radio cassette player

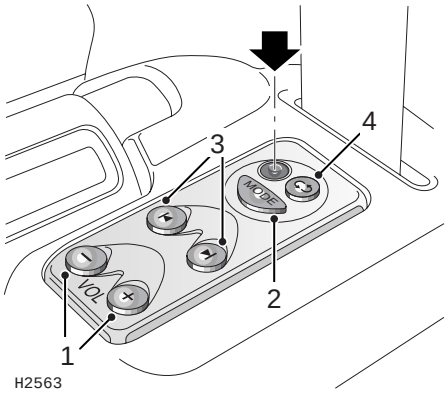
Full operating instructions for any audio equipment fitted as standard to your vehicle, are contained in the *'In-Car Entertainment'* book in the vehicle literature pack.

CD autochanger (if fitted)

The CD autochanger is located under the right hand front seat. Full operating instructions are contained in the *'In-Car Entertainment'* book.

WARNING

DO NOT insert or eject the magazine while driving.



HEADPHONE CONTROLS (if fitted)

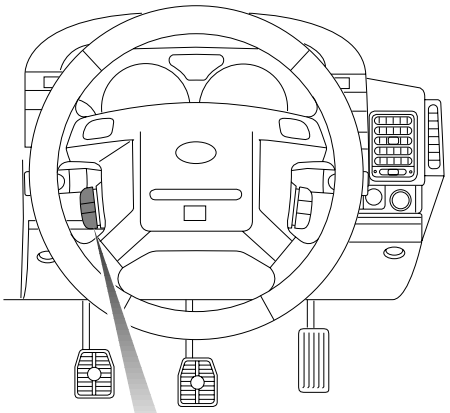
The control panel (illustrated) is for the convenience of rear seat passengers and can be used with headphones only.

The controls include:

1. Volume
2. Mode (for changing between radio, cassette tape and CD)
3. Auto search (to search up or down the selected waveband, or skip forward or back between tracks of a tape or CD).
4. Multi-function control (selects the next radio pre-set, reverses the direction of tape play, or selects the next CD in the autochanger).

Full operating instructions are included in the *'In-Car Entertainment'* book.

NOTE: *Where a conflict arises between operation of the vehicle's audio unit and the headphone controls, the audio unit takes priority.*



H2562

AUDIO REMOTE CONTROLS
(if fitted)

VOL

Volume control
Lift or press to increase or decrease the volume.

MODE

Mode select control
Press to change to compact disc play, or to return to radio tuner mode. The mode change will only be effected if a disc has been loaded in the autochanger. (see *'NOTE'* below)

Search control
Lift or press to change to the next or previous radio station on the selected waveband.

During CD play, lift the control to move forward to the next track on the disc, or press to return to the start of the current track. Operate the control repeatedly to move forward or back through several tracks at a time.

NOTE: *On vehicles equipped with the R990 audio unit, the mode and search controls can be used to select and change tracks during tape play as well.*