KEYS AND REMOTE CONTROLS



H6718G

You have been supplied with two remote controls, with integral keys, which operate all of the vehicle's locks.

The operation of all buttons, on all remote controls, will be inhibited while a key is in the starter switch.

Note: *The remote control may not operate correctly in areas that are subject to interference from other radio equipment operating on a similar frequency. Areas where, for example, equipment such as amateur radio, medical devices, telecommunications equipment or other remotely operated alarms are in use may cause difficulty. If such difficulties are experienced, try to operate the remote control as close as possible to the vehicle, or use the key in the door lock.*

The remote controls supplied with your vehicle are programmed to your security system - they cannot be re-programmed and the engine cannot be started without a remote control programmed to your vehicle. If a key is lost or broken, a replacement can only be obtained from a Land Rover Dealer.

Caution: Keep the spare remote control in a safe place - not in the vehicle.

Note: *Land Rover Dealers do not stock spare remote controls, time has to be allowed for replacements to be programmed to your security system and then delivered to the Dealer. The Dealer will require proof of ownership, and keep a log of all enquiries for replacement remote controls.*

It is advisable to notify your dealer as soon as possible if a remote control is lost or stolen. A remote control reported lost will be deactivated. If the remote control is later recovered, your Land Rover Dealer will be able to have it reactivated.

Remote control battery

Caution: The remote control 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.

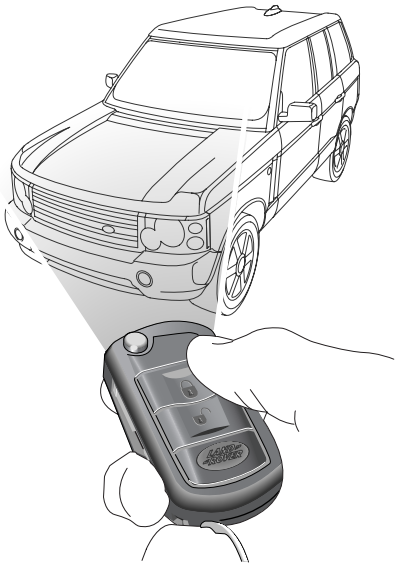
The battery is rechargeable. The fact that the battery needs recharging will be apparent from the following:

- **KEY BATTERY LOW** will be displayed in the main message centre.
- A gradual deterioration in range and performance will be noticed.

Battery recharge

Insert the key into the starter switch and start the engine. This will start to recharge the remote control battery.

ALARM SYSTEM



LAN0557G

The security system fitted to your vehicle is Thatcham category one approved, and meets European regulation 97 and directive 95/56/EC.

Security Information

For your own safety, and that of the vehicle, when the vehicle is left unattended:

- Apply the parking brake.
- Remove all keys and remote controls from the vehicle prior to locking the doors.
- Close all doors, windows, luggage compartment (including blind), sunroof, and glove box.
- Park the vehicle where it is visible (a well lit area after dark).
- Keep your vehicles keys safely out of sight.
- Never leave children or pets unattended in the vehicle.
- Never leave luggage or valuables on display.

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.

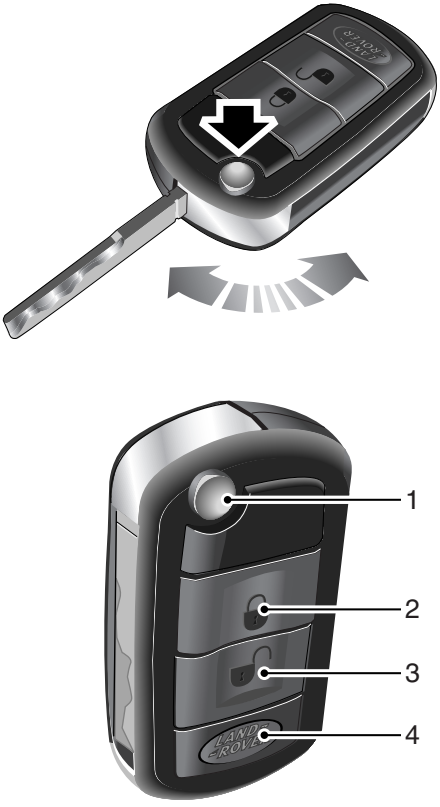
In order to ensure maximum security and operating convenience, you are strongly advised to gain a full understanding of the features and alternatives available, by thoroughly reading this section of the handbook.

Note: *For maximum security always superlock the vehicle. If passengers or animals are to be left in the vehicle, windows and/or sunroof are left open, or the vehicle is on a moving platform, e.g. a ferry, lock the vehicle by pressing the lock button (or turning the key) twice within ten seconds. This disables the superlocking, tilt sensing and interior space protection.*

Using the remote control

While it is not necessary to point the remote control at the vehicle, the remote control must be within range of the vehicle when a button is pressed. The operating range may vary depending upon the condition of the remote control battery, and may sometimes be limited by physical and geographical factors.

Remote control buttons



H6719G

The four buttons on the remote control are used as follows:

1. Key release button: Press to unfold the key.
2. Lock button: Press to superlock all doors and to activate the perimetric alarm and interior space protection and activate the tilt sensor. See **Superlocking, 37** and **Tilt sensor, 38**.

   Press twice to superlock all doors and activate the perimetric alarm, but not activate interior space protection and tilt sensor.

   Press and hold to activate the lazy locking facility. See **Lazy locking/unlocking, 41**.
3. Unlock button: Press once to disarm the alarm and unlock the driver's door. Press again to unlock the remaining doors. See **Single point entry, 39**.

   Press once to activate the memory seats, mirrors and steering column settings. See **DRIVER'S SEAT MEMORY FACILITY, 49**. This will also activate the lazy unlocking facility. See **Lazy locking/unlocking, 41**.
4. Tailgate button: Press to unlock the tailgate and to disarm the interior space protection. All other apertures remain locked and the perimetric protection on the other apertures remains armed.

   Press and hold to activate the panic alarm.

Locking

Shut all doors, bonnet and tailgate, then press the lock button once or turn the key in the driver's door lock towards the rear of the vehicle once:

- All doors are superlocked. See **Superlocking, 37**.
- Engine immobilised.
- Perimetric alarm activated (protects the doors, bonnet and tailgate).
- Interior space protection activated.
- Tilt sensor activated.

The direction indicators flash once and the anti-theft alarm indicator (below the rear-view mirror) starts to flash to confirm that the vehicle is secure.

Unlocking with the remote control

- Press the unlock button once to disarm the alarm and unlock the driver's door only. See **Single point entry, 39**.
- Press the unlock button twice to disarm the alarm and unlock all the doors.

In either case, the interior lights illuminate and the direction indicators flash twice.

Unlocking with the key

After a remote control lock: Turn the key in the driver's door lock towards the front of the vehicle to unlock the driver's door - the alarm will sound when the door is opened. Unlocking the door using the key will not disarm the alarm - press the unlock button on the remote control, or turn the starter switch to the second position, to disarm the alarm.

After a key lock: Turn the key in the driver's door lock towards the front of the vehicle to unlock the driver's door and disarm the alarm. Turn the key a second time to unlock the other doors.

Superlocking

WARNING

If passengers are to remain inside the vehicle, always use the Master locking switch to lock the doors. If the vehicle is superlocked, any passengers would not be able to escape in an emergency. Also, if interior space protection has been activated, any movement from within the vehicle would activate the alarm.

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.

Superlocking is activated automatically whenever the vehicle is locked using either the remote control or the key.

If superlocking is required, but NOT interior space protection, press the lock button on the remote control twice within 10 seconds (or turn the key towards the rear of the vehicle twice within the same time period). Allow for a two-second delay before pressing the lock button a second time.

Tilt sensor

Your vehicle is fitted with a tilt sensor which activates the alarm if the vehicle is tilted fore and aft, or side to side, after it has been superlocked.

The alarm will sound if theft is attempted by hoisting onto another vehicle or if a side is lifted to attempt wheel removal.

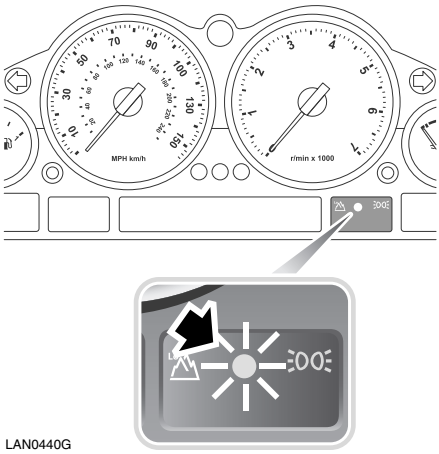
If you wish to have the doors locked but the tilt sensor disabled (e.g. when aboard a ferry or having the vehicle transported on a recovery truck) press the lock button on the remote control twice within 10 seconds (or turn the key in the driver's door lock towards the rear of the vehicle twice within 10 seconds).

Partial arming

If the driver's door is not fully closed when the remote control lock button is pressed, all closed doors will lock, but the driver's door will not. If the driver's door is subsequently closed, the locking procedure must be repeated to lock the driver's door.

If a passenger door or other aperture is not fully closed when the remote control lock button is pressed, the partial arming attributes of the security system will enable as much of the system to be armed as possible (all fully closed door, bonnet or tailgate apertures will be protected, but an open door will not). As soon as the open aperture is closed, the system will automatically revert to an armed state, with interior space protection activating 30 seconds after all apertures are closed.

Anti-theft alarm indicator



LAN0440G

The indicator provides information about the status of the alarm system, as follows:

When the alarm is armed: The indicator flashes at a slow frequency and continues to flash as an anti-theft deterrent until the alarm is disarmed.

If interior space protection is disabled when the alarm is armed (by a double operation of the lock button or key), the indicator will illuminate constantly for 1 second as confirmation.

When the alarm is partially armed (mislock): The indicator flashes rapidly for 10 seconds, then flashes at a slower rate as an anti-theft deterrent until the alarm is disarmed.

If the alarm has been triggered: When the alarm is triggered, the indicator flashes rapidly for 5 minutes, before returning to a slow frequency.

If the indicator flashes rapidly after the vehicle is unlocked, this indicates that the alarm has been triggered during the driver's absence. The indicator will flash rapidly for 10 seconds.

If the alarm sounds

If the alarm is triggered, the alarm will sound for 30 seconds and the hazard warning lamps will flash for 5 minutes, before switching off and resetting itself to the same protection status that existed prior to the alarm being triggered.

To silence the alarm, press the unlock button on the remote control.

Single point entry

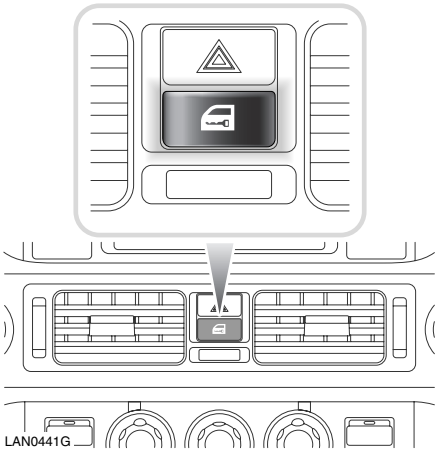
This is a personal security feature which enables the driver's door only to be unlocked, leaving the other doors in a locked state. It is operated as follows:

- Press the unlock button once to unlock the driver's door (or turn the key in the driver's door lock towards the front of the vehicle, if the vehicle was locked using the key).
- Press the unlock button (or turn the key) a second time to unlock the remaining doors.

When the vehicle is unlocked using single point entry, if the master locking switch is then pressed, the driver's door will relock. A second press is required to unlock all the doors.

Single point entry can be disabled on all remote controls, or on an individual remote control, by a Land Rover Dealer/ Authorised Repairer.

Master locking switch

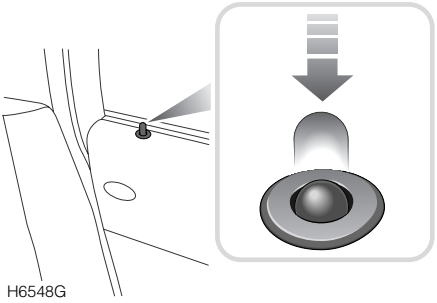


This is a personal security feature which allows all the doors to be locked or unlocked from inside the vehicle (while driving or with the vehicle stationary). Press the switch to lock (the alarm will not be armed) or unlock.

If passengers are to be left inside the vehicle when it is locked, do not use the remote control or key to lock the vehicle. Always get a passenger to use the Master locking switch to lock the vehicle, once the doors are shut.

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

Interior door handles and door sill locking buttons



H6548G

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:

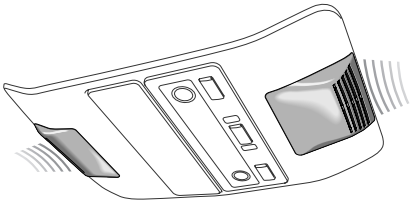
- First operation of the door handle unlocks the door.
- Second operation of the door handle opens the door.

When the master locking switch is activated, all door locking buttons will be depressed automatically.

Interior space protection

Interior space protection is activated whenever the alarm is armed.

Caution: 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.



H3802

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

Note: *Interior space protection cannot be activated if a door is open.*

Disabling interior space protection: If there is a requirement to disable interior space protection (if a window or sunroof is to be left open, for example), press the lock button twice within 10 seconds. If locking with the key, turn the key in the driver's door lock towards the rear of the vehicle twice within 10 seconds.

Drive-away locking

This security feature locks all the doors automatically when the vehicle speed exceeds 16 km/h (10 mph).

Note that drive-away locking is not selectable by the driver, and that operation of the door locks by any other means (master locking switch on the facia panel, for example) will unlock the doors. Drive-away locking can be configured by your Land Rover Dealer/ Authorised Repairer to automatically relock the doors after they are unlocked, when the vehicle speed exceeds 16 km/h (10 mph).



Drive-away locking can be selected, deselected or re configured for individual remote controls, by a Land Rover Dealer/Authorised Repairer.

Automatic relock

If the vehicle is unlocked using the remote control, but no door or tailgate is opened after 2 minutes, the vehicle will relock (but not superlock). The alarm will not be re-activated.



Automatic relock can be selected or deselected by a Land Rover Dealer/ Authorised Repairer.

Panic alarm

If the tailgate unlock button on the remote control (see **Remote control buttons, 36**) is pressed and held, the alarm will sound and the hazard warning lamps will flash (market permitting). This feature is to draw attention to the vehicle and driver, and to deter potential thieves/attackers.



The panic alarm facility can be selected or deselected by a Land Rover Dealer/ Authorised Repairer.

Lazy locking/unlocking

WARNING

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

Ensure that you have a clear view of all open apertures on the vehicle and that all apertures are unobstructed, before activating the lazy locking feature.

Ensure children are kept clear whilst raising or lowering windows and opening or closing sunroof.

Ensure that all adult passengers are familiar with the controls and the potential dangers of electrically operated windows and sunroof.

Note: *In some markets, the lazy lock/unlock feature is not available using the remote control, the key must be used.*

Lazy locking or unlocking enables you to use the remote control to open or close the windows and sunroof at the same time as you secure or unlock the vehicle.

Lazy locking:

1. Ensure that all doors, bonnet and tailgate are properly closed.
2. Press and hold the lock button on the remote control (or turn and hold the key in the driver's door lock towards the front of the vehicle) until all the windows and the sunroof are closed - the vehicle security system will be armed.

   Note: *Window and sunroof movement will stop if the button or key is released during this operation.*

Lazy unlocking:

1. Press and hold the unlock button on the remote control (or turn and hold the key in the driver's door lock rearwards), the windows and then the sunroof will fully lower/open - the vehicle security system will be disarmed and the driver's door will unlock.
2. Release the button or key when the windows and sunroof are open as required.

Lazy locking/unlocking can be selected or deselected by a Land Rover Dealer/ Authorised Repairer.

ENGINE IMMOBILISATION

Engine immobilisation is an important aspect of the security system. It 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 remote control key is inserted into the starter switch. Engine immobilisation is automatic whenever any of the following conditions occur.

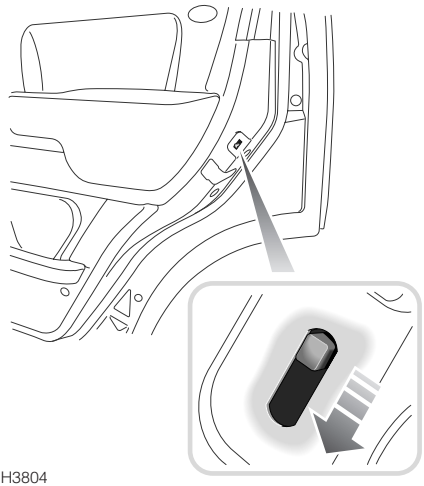
- The vehicle is locked using the remote control or key.
- Three seconds after the starter switch has been turned off and the driver's door opened.
- If the key is removed from the starter switch.

Note: *The engine will be re-mobilised automatically whenever the genuine remote control key is inserted into the starter switch and turned to the first position.*

CHILD-PROOF LOCKS

WARNING

To avoid injury or death, never leave children unsupervised in the vehicle.



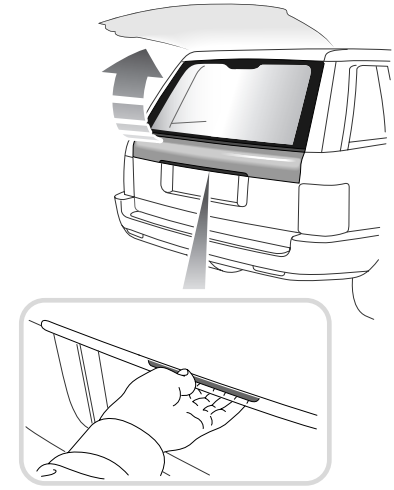
H3804

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

With the child-proof locks engaged, the rear doors cannot be opened from inside the vehicle, thereby avoiding the risk of a door being opened accidentally while the vehicle is moving.

TAILGATE

Opening the upper tailgate



H3929

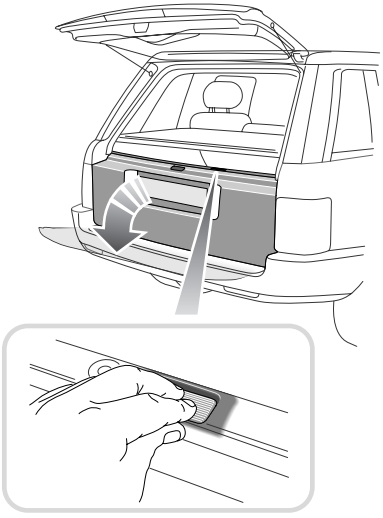
With all doors unlocked, press the switch on the bottom edge of the upper tailgate and lift to open.



LAN0442G

If single point entry has been used and only the driver's door is unlocked, press the tailgate release button (illustrated above).

Opening the lower tailgate

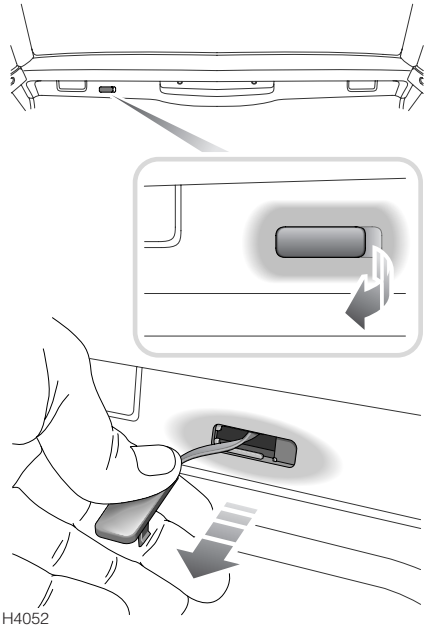


H3930

With the upper tailgate open, press the release switch on the top of the lower tailgate (see inset), then lower the tailgate.

Emergency manual operation

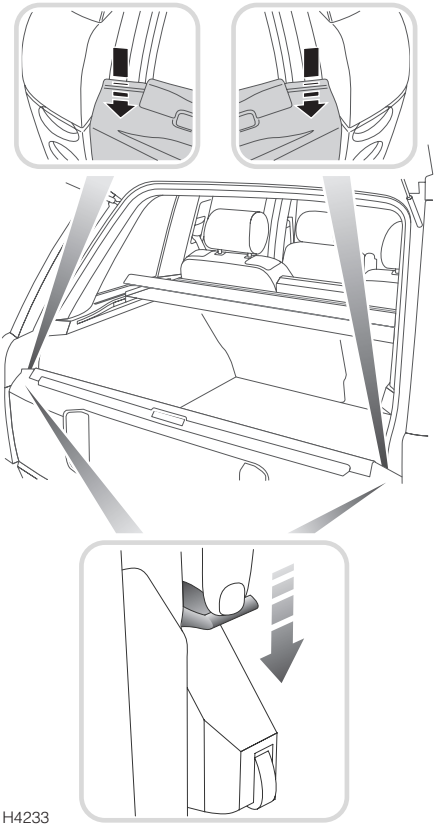
Upper tailgate:


H4052

If the battery has been disconnected or has discharged, the tailgate can be opened manually as follows:

- Fold the rear loadspace cover. See **Folding the loadspace cover from inside the vehicle, 151**.
- From the rear loadspace, lever out the plastic tab (see inset).
- Pull the tab to release the upper tailgate.
- Raise the upper tailgate.

Lower tailgate:


H4233

With the upper tailgate open, push down on the two hidden catches (see insets), either side of the tailgate. The catches can be operated either one at a time, or simultaneously.

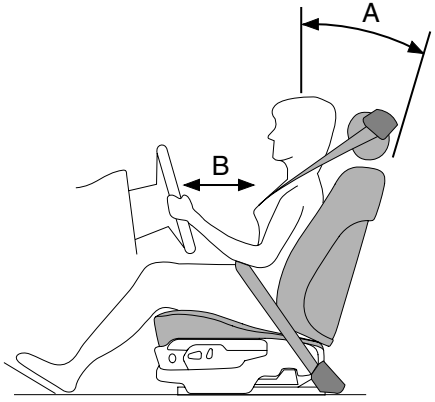
FRONT SEATS

WARNING

Do not adjust the seat while the vehicle is moving.

An inflating airbag can cause facial abrasions and other injuries. Injuries caused by airbag inflation can be minimised by ensuring that the driver and front passenger are seated correctly (seat back upright, seat positioned as far back as practical, and seat belt worn correctly).

Sitting in the correct position



H6544L

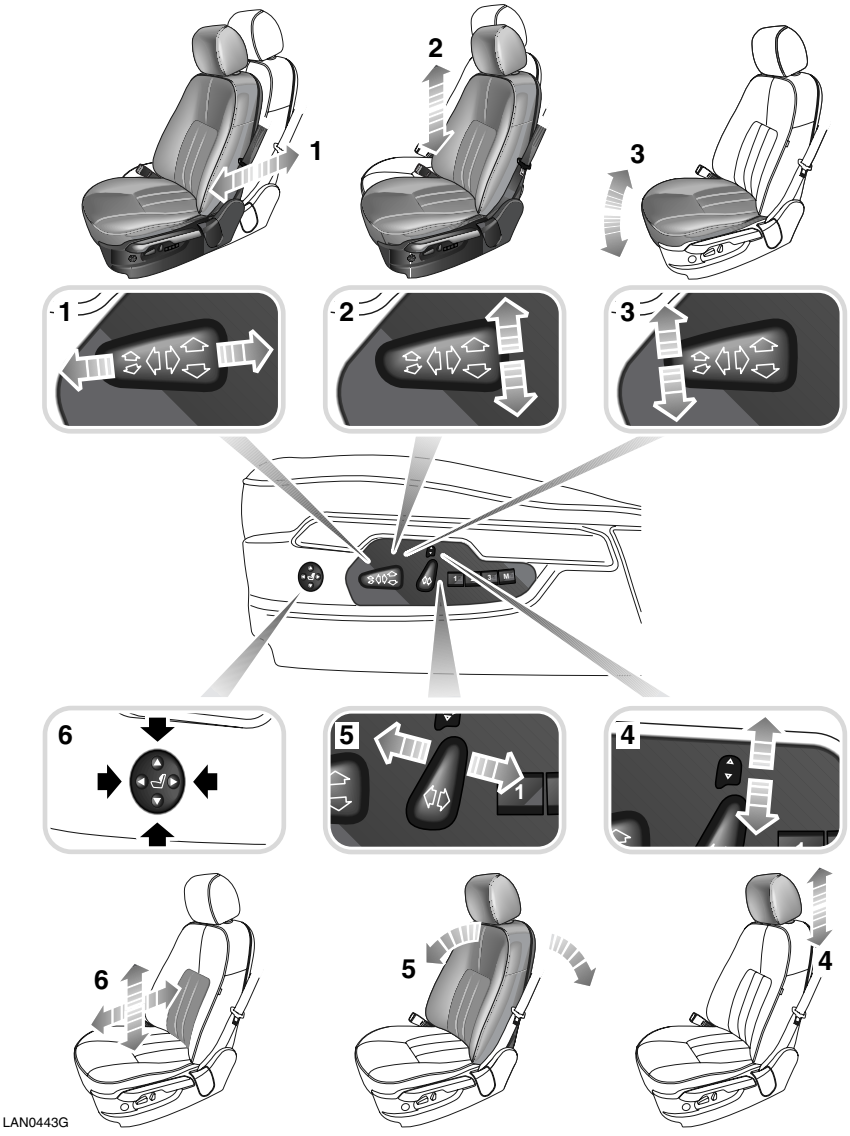
When you use them properly, the seat, head restraint, seat belt and airbags will provide optimum protection in the event of a collision. We recommend that you:

- Sit in an upright position, with the base of your spine as far back as possible.
- Do not recline the seatback more than 30 degrees (**A**).
- Adjust the head restraint so that the top of it is level with the top of your head.
- Keep sufficient distance between yourself and the steering wheel. We recommend a minimum of 250 mm (10 inches) between your breastbone and the airbag cover.
- Hold the steering wheel with your arms slightly bent.
- Bend your legs slightly, so that you can press the pedals firmly.
- Position the shoulder strap of the seat belt over the centre of your shoulder and position the lap strap tightly across your hips.

Make sure that your driving position is comfortable and that you can maintain full control of the vehicle.

Note: *For information on adjusting the steering column, see* ***STEERING WHEEL ADJUSTMENT, 75****.*

FRONT SEAT ADJUSTMENT



The seat adjustment controls are situated on the outboard side of the seat plinth

Note: *In order to change the position of any part of the power-operated seats, the starter switch must be in the first or second position. The memory driver's seat also has a 10 minute active period initiated when:*

- *The driver's door is opened/closed.*
- *The starter switch is turned off.*

WARNING

Do not adjust any part of a seat while the vehicle is in motion.

Vehicle movement may cause the seat to suddenly shift, potentially causing injury.

1. Forward/backward adjustment

Push and hold the switch forwards or backwards to move the seat to the desired position.

2. Seat cushion height adjustment (Driver's seat only)

Push the switch up or down to raise or lower the cushion.

3. Seat cushion angle adjustment

Twist the front of the switch to tilt the seat cushion to the desired position. Note that the front and rear of the switch work independently - the front tilting the front of the cushion, the rear of the switch adjusts the height of the seat cushion.

4. Lumbar support adjustment

Press the right or left of the switch to increase or decrease support to the lumbar region of the back. Press the top or bottom of the switch to increase support at the top or bottom of the seat back.

5. Seat back adjustment

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

WARNING

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 no more than 30 degrees from the upright (vertical).

Failure to maintain the correct seat back angle will reduce the effectiveness of the seat belts and increase the risk of serious injury or death in a crash.

6. Head restraint adjustment

Push the switch up or down to adjust the head restraint. The top of the head restraint should be level with the top of the head.

Note: *The front seat head restraints are not designed to be removed.*

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 as described to be effective.

Do not adjust the head restraints while the vehicle is in motion.

Failure to have the head restraint installed and properly positioned will increase the potential for serious injuries.

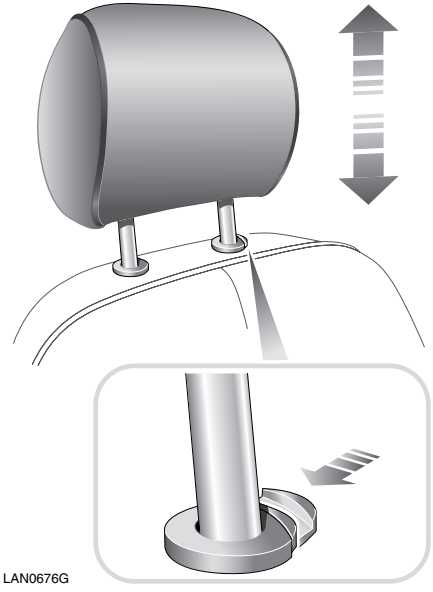
Manual head restraint adjustment

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 as described to be effective.

Do not drive or carry passengers with the head restraints removed from occupied seats, or adjust the head restraints while the vehicle is in motion.

Failure to have the head restraint installed and properly positioned will increase the potential for serious injuries.



LAN0676G

To raise the head restraint, pull the restraint upwards.

To lower the head restraint, depress the locking button as shown (see inset) and push down on the restraint.

To remove the head restraint, depress the locking button as shown, while lifting the restraint clear of the seat.

Caution: Do not attempt to remove a front head restraint when a video display screen is fitted. This may damage electrical connections.

REAR SEAT ENTERTAINMENT

Caution: When rear seat passengers are entering or leaving the vehicle it is important that they do not hold the head restraint to ease entry/exit. This may damage the display screens.

The video display screens fitted to the rear of the front seat head restraints are not touch-screens. Avoid contact with the screen wherever possible.

Do not attempt to remove a front head restraint when a video display screen is fitted. This may damage electrical connections.

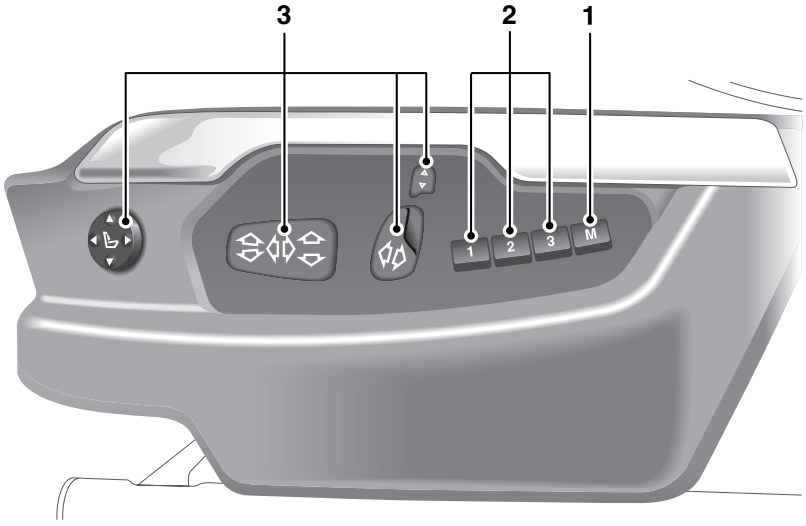
Only clean the screens using the Land Rover approved cleaning materials available from your Land Rover Dealer/Authorised Repairer.

WARNING

The display screens contain toxic substances including mercury. These substances can cause severe illness and possibly death.

In the event that a display screen is damaged, avoid all contact with it, and contact your Dealer/Authorised Repairer as soon as possible.

DRIVER'S SEAT MEMORY FACILITY



LAN0602G

WARNING

Before activating the seat memory, ensure that the area immediately surrounding the seat is clear of obstructions and that all occupants are clear of moving parts.

1. Memory store button
2. Memory pre-set buttons
3. Seat adjustment controls. See **FRONT SEAT ADJUSTMENT, 46**.

Note: *For information on adjusting the mirrors and steering wheel, see* ***EXTERIOR MIRRORS, 76****, or* ***STEERING WHEEL ADJUSTMENT, 75****.*

Your vehicle can memorise up to three different driver's seat positions and the associated mirror and steering wheel positions. This enables three different drivers to achieve optimum comfort at the touch of a button.

Setting the memory pre-sets

Adjust the seat, exterior mirrors and the steering column to the desired positions. To store the settings to memory:

1. Press the memory store button. The indicator will illuminate.
2. Press the desired memory pre-set button to store a setting.

If a pre-set is not pressed within seven seconds of the memory store (M) button being activated, the memory store function will cancel.

Recalling a stored seat position

1. With the driver's door open, press the desired pre-set button. The seat, mirrors and steering column will automatically move to the position stored in that pre-set.
2. With the driver's door closed, turn the starter switch to the first position, then press the desired memory pre-set button. The seat, mirrors and steering column will move to the stored position.

Note: *If the starter switch is in the second position, the pre-set buttons still function, but will have to be continuously pressed until the seat, mirrors and steering column have reached their set positions.*

Note: *To stop the seat movement at any time when recalling a memory setting, press any seat adjustment control.*

Lazy entry

Each remote control can be used to memorise the user's preferred seating position. When the vehicle is unlocked using the remote control, the seat will automatically adjust to the position previously selected with that remote control. This feature can also be programmed to adjust the driver's seat when the driver's door is opened.



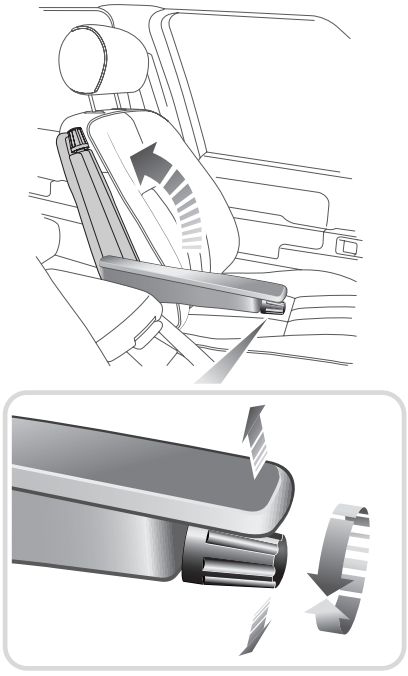
Lazy entry and associated options can be selected or deselected by a Land Rover Dealer/Authorised Repairer.

HEATED AND CLIMATIC SEATS

For information on operating the front and rear seat heaters, or the climatic seats, see **SEAT HEATERS, 134** or **CLIMATIC SEATS, 135**.

FOLDING ARMRESTS

Front

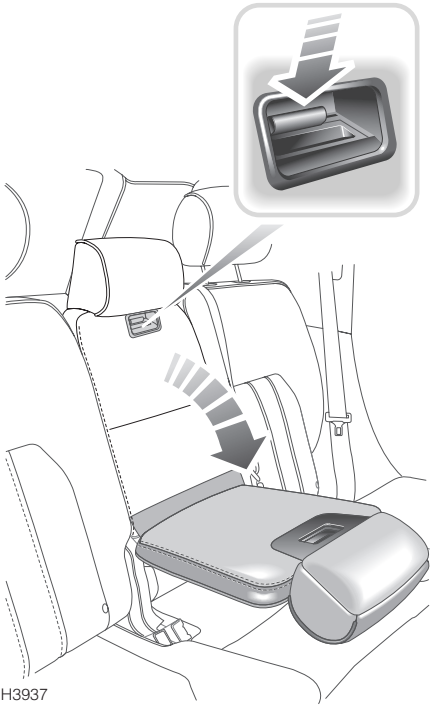


H6550R

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

The set height/angle of each armrest can be adjusted by turning the knob set into the end of the armrest: Clockwise, to raise, and anticlockwise to lower (see inset).

Rear



H3937

To fold down the armrest, press the catch beneath the centre rear seat head restraint. With the armrest in position, the head restraint can be opened to access the rear cup holders. See **CUP HOLDERS, 142**.

Note: *The rear armrest cannot be used if a passenger is seated in the centre rear seat.*

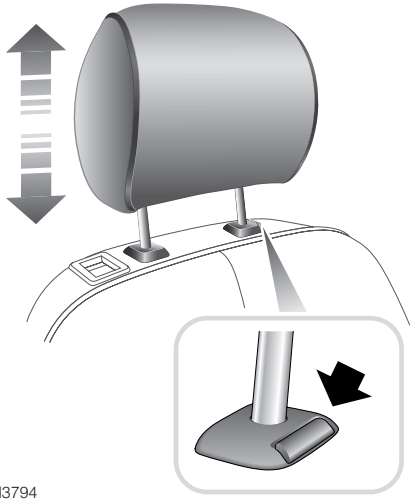
REAR HEAD RESTRAINTS

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 as described to be effective.

Do not drive or carry passengers with the head restraints removed from occupied seats, or adjust the head restraints while the vehicle is in motion.

Failure to have the head restraint installed and properly positioned will increase the potential for serious injuries.



H3794

Adjustment

Adjust the head restraint correctly, up or down, by pressing the collar button as indicated. The top of the head restraint should be level with the top of the head.

Removal

Remove the head restraint by pressing the collar button as indicated, whilst lifting the restraint clear of the seat.

To replace the head restraint, engage the guide posts into the collars and press the restraint downwards until a click is heard.

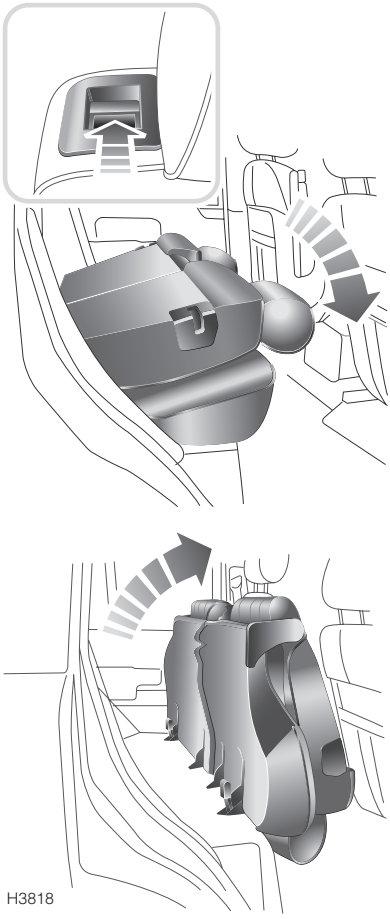
REAR SEATS

WARNING

Do not adjust any part of a seat while the vehicle is in motion.

Vehicle movement may cause the unlatched seat to suddenly shift, and may cause injuries.

Folding down the seats



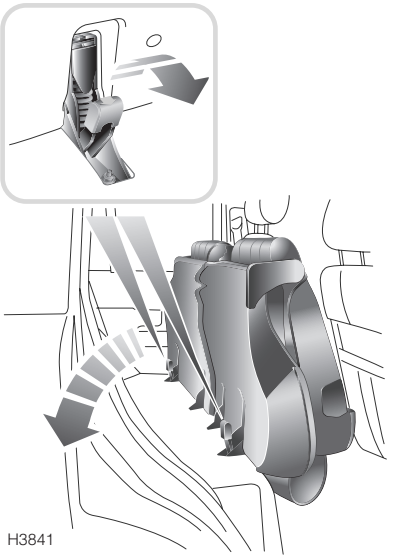
One or both parts of the split rear seat can be either partially or fully folded, to further increase the rear loadspace.

1. Ensure the head restraints are fully lowered and the armrest is stowed.
2. To release either part of the backrest, lift the lever shown in the inset and then fold the backrest onto the seat base.
3. To fold the whole assembly forward, lift the rear of the seat base upwards, the assembly can be folded forward as shown.

WARNING

It is extremely dangerous to ride in the cargo area. In a collision, people riding in this area are more likely to be injured or killed. Do not allow people to ride any area of your vehicle that is not equipped with seats and safety belts. Be sure that everyone in your vehicle is in a seat and using a safety belt properly.

Returning the seat to the upright position



Pull the release lever (see inset) rearwards, then 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 panels on the release levers should be visible when the backrest is correctly latched).

WARNING

After the seat is returned to the upright position, the latching mechanism should be checked and physically tested to ensure that both the seat base and backrest are secure before driving.

In a frontal impact, if the rear seat is not fully secured (fully latched), it may swing forward contacting the seat in front of it, increasing the risk of injury or death to occupants in those seats.

Ensure that the head restraint is adjusted correctly for each passenger (the top of the head restraint should be level with the top of the head).

SEAT BELTS

The use of front and rear seat belts is mandatory in most countries. Using seat belts saves lives. They should be worn by all occupants whenever the vehicle is in use, for maximum protection.

Lap/shoulder inertia reel seat belts are provided for both front seat occupants and all rear seat positions. The inertia reel operating mechanism of the seat belts, allow the wearers to move their upper bodies to reach various controls. The seat belt locks automatically with accelerated body movement or in the event of emergency braking.

The front seatbelts include a buckle sensor to detect when the buckle is latched.

The front seat belt assemblies are fitted with pre-tensioners. The pre-tensioners operate with the airbags as part of the Airbag Supplementary Restraint System (SRS). See **INTRODUCTION, 67**.

Seat belt warning indicator



Driver and front seat passenger Beltminder commences when the starter switch is turned to the second position and either the driver's or an occupied front passenger's seat belt is unbuckled.

The visual and audible warnings applicable to Beltminder, are market dependent to meet individual market requirements. The warning signals given may also change, depending on whether the vehicle is stationary or when the vehicle speed exceeds a pre-determined threshold. See **AUDIBLE WARNINGS, 106**.

Note: *Objects placed on the passenger seat may activate the seat belt warning system.*

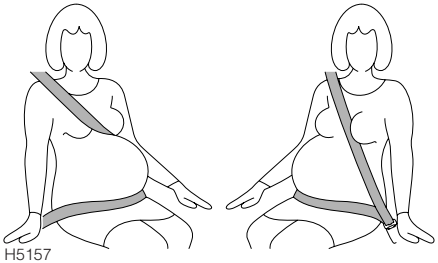


Although not advisable, it is possible to disable the Beltminder function. Please see a Land Rover Dealer/Authorised Repairer to disable or reinstate the function.

SEAT BELT USE DURING PREGNANCY

WARNING

Position the seat belt correctly for the safety of the mother and unborn child. Never wear just the lap strap and never sit on the lap strap while using just the shoulder strap. Both of these actions are extremely dangerous and may increase your risk of serious injury in the event of an accident or during emergency braking.



H5157

Position the lap strap comfortably across the hips, beneath the abdomen. Place the diagonal part of the seat belt between the breasts and to the side of the abdomen. Ensure that the seat belt is not slack or twisted.

WARNING

Never place anything between you and the seat belt in an attempt to cushion the impact in the event of an accident. It can be dangerous and reduce the effectiveness of the seat belt in preventing injury.

SEAT BELT SAFETY

WARNING

Seat belts are life saving equipment. In a collision, occupants not wearing a seat belt can be thrown around inside, or possibly thrown out of the vehicle. This is likely to result in more serious injuries than would have been the case had a seat belt been properly worn. It may even result in loss of life.

Make sure all occupants are securely strapped in at all times - even for the shortest journeys.

The airbag supplemental 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.

Seat belts are designed to bear upon the bony structure of the body, and should be worn low across the front of the pelvis or the pelvis, chest and shoulders, as applicable; wearing the lap section of the belt across the abdominal area must be avoided.

Do not wear seat belts over hard, sharp or fragile items in clothing, such as pens, keys, spectacles, etc.

Seat belts should be adjusted as firmly as possible, consistent with comfort, to provide the protection for which they have been designed. A slack belt will greatly reduce the protection afforded to the wearer.

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 no more than 30 degrees from the upright.

WARNING

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.

Belts should not be worn with straps twisted.

Each belt assembly must only be used by one occupant; it is dangerous to put a belt around a child being carried on the occupant's lap.

It is essential to replace the entire assembly after it has been worn in a severe impact even if damage to the assembly is not obvious.

No modifications or additions should be made by the user which will either prevent the seat belt adjusting devices from operating to remove slack, or prevent the seat belt assembly from being adjusted to remove slack.

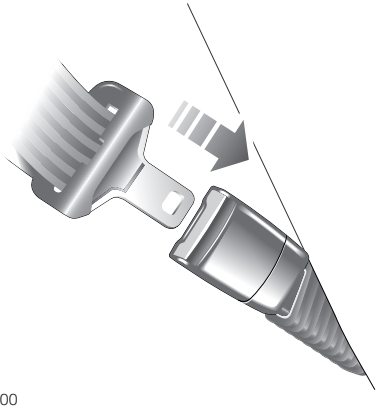
Should the seat belt not retract and remain at its static length, consult your Land Rover Dealer/Authorised Repairer immediately.

Care should be taken to avoid contamination of the webbing with polishes, oils and chemicals, and particularly battery acid. Cleaning may safely be carried out using mild soap and water. The belt should be replaced if webbing becomes frayed, contaminated or damaged.

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, unsecured items become flying missiles, capable of causing serious injury.

FRONT SEAT BELTS

Fastening the seat belts



H3900

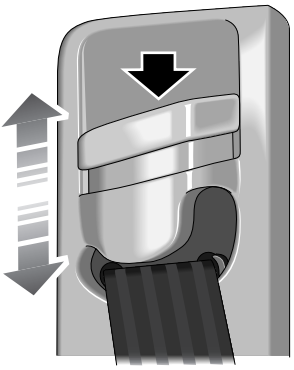
Pull the belt over the shoulder and across the chest and, ensuring that the webbing is not twisted, insert the metal tongue plate into the buckle nearest the wearer - a click indicates that the belt is securely locked.

Adjust the seat belt 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. Also, ensure that the lap belt fits as low on the hips as possible and that the shoulder belt passes across the shoulder without slipping off or pressing on the neck.

WARNING

Never wear just the lap strap of a lap/shoulder diagonal seat belt and never sit on the lap strap using just the shoulder strap. Both of these actions are extremely dangerous and may increase your risk of serious injury.

Upper anchorage adjustment



H3803

The height of the seat belt upper anchorage can be adjusted for comfort and safety on both front seats. Press down (solid arrow) to release the catch, then lift or push down to adjust the height of 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.

WARNING

Maladjustment of the seat belt could reduce its effectiveness in a crash. Always ensure that the anchorage is correctly located and properly locked in one of the height positions before driving and do not adjust the height once the vehicle is in motion.

Releasing the belt

Press the red button on the seat belt buckle.

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 **HOW THE AIRBAG SRS WORKS, 68**. 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 indicator on the instrument pack 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 be activated in major side and frontal impacts and in roll-overs.*

WARNING

The seat belt pre-tensioners will only be activated once and then must be replaced by a Land Rover Dealer/Authorised Repairer. Failure to replace the pre-tensioners will reduce the efficiency of the vehicle's front restraint systems.

After any impact, always have the seat belts and pre-tensioners checked and, if necessary, replaced by a Land Rover Dealer/ Authorised Repairer.

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/Authorised Repairer.

SEAT BELT LOCKING MECHANISM

All passenger seat belts have a special locking mechanism which aids the securing of child restraints. The mechanism is used to secure a child restraint as follows:

1. Attach the seat belt to the child restraint, in accordance with the manufacturer's instructions.
2. Insert the metal tongue of the seat belt into the lock, ensuring that it engages with a click.
3. Pull on the shoulder section of the belt until it is fully extended.
4. Allow the belt to retract. A clicking sound will confirm that the mechanism has engaged.
5. Remove all slack from the mechanism, by pulling upwards on the shoulder belt, immediately above the child restraint.
6. Evaluate the tightness of the installation, by rocking the child seat back and forth to ensure it is tight and stable.
7. If the child seat needs to be tightened further, remove the metal tongue of the seat belt from the buckle and feed some of the shoulder belt webbing back into the reel (thereby shortening the belt). Then, re-attach the metal tongue into the buckle (if the belt has been tightened correctly, this will take some effort).
8. Re-evaluate the tightness of the installation. If the child seat is still too loose, repeat the above procedure, making the belt incrementally shorter (and therefore tighter). It may be necessary to put your weight onto the seat (to compress the seat cushion), in order to fasten the belt.

To deactivate the locking mechanism, unlatch the seat belt and allow it to fully retract.

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 THE INTERIOR, 243**.

Testing inertia reel belts

- With the seat belt fastened, give the webbing near the buckle a quick upward pull. The buckle must remain securely locked.
- 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.
- 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 Land Rover Dealer/Authorised Repairer immediately.

WARNING

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

Note: *If the vehicle is parked on ground that is not level, the seat belt mechanism may lock. This is not a fault; gently ease the belt from its attachment to unlock it.*

Service information

WARNING

Do not attempt to service, repair, replace, modify or tamper with any part of the pre-tensioner and airbag SRS, or wiring in the vicinity of a pre-tensioner or airbag SRS component; this could cause the system to activate, resulting in personal injury.

In addition, always contact your Land Rover Dealer/Authorised Repairer if:

- An airbag inflates.
- A pre-tensioner activates.
- The front or side of the vehicle is damaged, even if the pre-tensioner has not activated.

CHILD SAFETY 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 children under 12 are restrained in a suitable child safety seat appropriate to their age and size (see table).

Only fit a child safety seat of a type approved for the specific seating positions in your vehicle (see table), and ensure the seat manufacturer's fitting instructions are followed exactly.

For optimum safety, children should travel in the rear of the vehicle at all times, front passenger seat travel is not recommended. However, if it is essential that a child travel in the front, set the seat fully rearward.

Holding a baby or child in a person's arms is not a substitute for a child restraint system.

In an accident, a baby or a child held in a person's arms can be crushed between the vehicle's interior and a restrained person.



The above symbol affixed to the passenger side central door pillar of your vehicle, warns against the use of a rear facing child seat in the front passenger seat, when a passenger airbag is fitted and operational.

WARNING

Original text according to ECE R94.01.

Extreme Hazard! Do not use a rearward facing child restraint on a seat protected by an airbag in front of it!

WARNING

There is a risk of death or serious injury when the airbag deploys.

The safest place for children is properly restrained in the rear seats.

WARNING

Do not use a forward-facing seat until a child is above the minimum weight of 9 kg (20 lb.) and able to sit up unaided. Up to the age of two, a child's spine and neck are not sufficiently developed to avoid injury in a frontal impact.

Do not use a child seat that hooks over the seat back. This type of seat cannot be satisfactorily secured and is unlikely to be safe for your child.

Child Restraints

Child safety seating and positions (Europe only)

The following table shows the suitability of each passenger seat position for the carriage of children up to 12 years of age or 1.5 metres (5 feet) tall and the installation of suitable child restraint systems.

Mass Group As indicated on child restraint packaging.	**Seating Positions**		
	Front Passenger	**Rear Outboard**	**Rear Centre**
0 = Up to 10 kg (22.05 lb) (0-9 months)	U†	U	X
0+ = Up to 13 kg (28.66 lb) (0-18 months)	U†	U	X
I = 9 to 18 kg (20 to 40 lb) (9 months - 4 years)	UF	U	X
II III =15 to 36 kg (33 to 79 lb) (4-12 years)	U	U	X

U = Suitable for Universal category restraints approved for this mass group.
UF = Suitable for forward facing Universal category restraints approved for this mass group.
X = Seat position not suitable for children in this mass group.
† = Never install a child restraint, approved for this mass group, in the front passenger seating position, unless the airbag has been disabled. See **PASSENGER AIRBAG DISABLING SWITCH, 72**.

Caution: Information given in the table is correct at the time of going to press. However, availability of child restraints may change. Please refer to your Land Rover Dealer/Authorised Repairer for the latest recommendation.

In many countries, legislation covers how and where children should be carried when travelling in a vehicle.

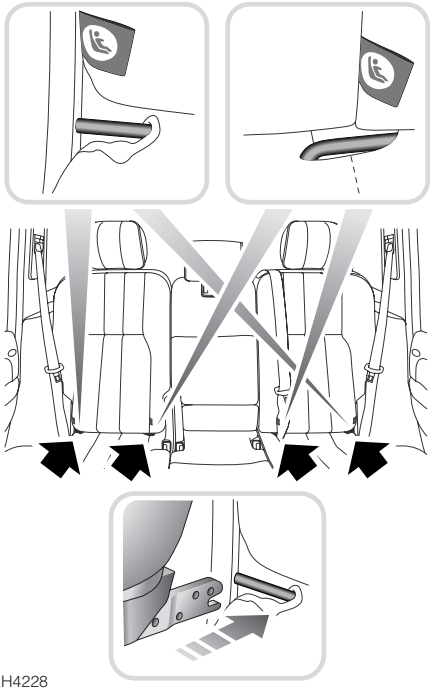
It is the responsibility of the driver to comply with all regulations in force in the country where the vehicle is being used.

Child restraints for larger children

In a situation where a child is too large to fit into a child safety seat, but is still too small to safely fit the 3 point seat belt properly, a booster seat is recommended for maximum safety. Follow the manufacturer's fitting instructions exactly, then adjust the seat belt to suit.

ISOFIX CHILD RESTRAINTS

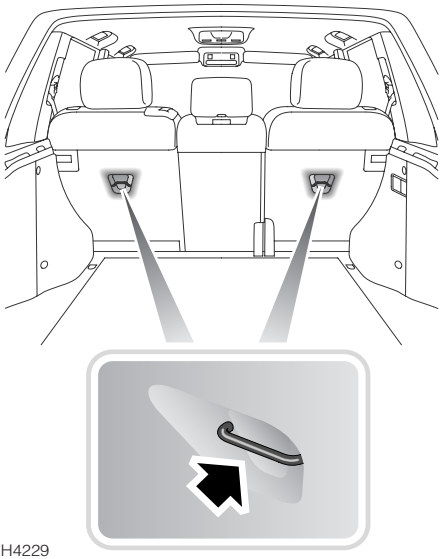
In some markets, child restraint systems complying with International Standard Organisation regulations and approved for fitting in your vehicle may be available. These restraints are different to conventional child seats, requiring anchor bars built into the vehicle seat in order to accept the ISOFIX locking mechanism.



H4228

Both outer, rear (second row) seating positions in your vehicle are equipped to accept ISOFIX restraints.

Two lower (first illustration) and one upper tether anchorages (second illustration) are provided at each seating position equipped to accept Isofix child restraints.



H4229

Note: *Always ensure that, if an upper tether is provided, it is secured and tightened properly as this provides the maximum protection for your child.*

WARNING

Do not attempt to fit ISOFIX restraints to the centre seating position - the anchor bars are not designed to hold an ISOFIX restraint in this position.

Child Restraints

Fitting ISOFIX child restraints

ISOFIX child restraints should only be fitted in the two outer seating positions of the second row seats. Anchor bars built into the rear seat frame (arrowed in first illustration on previous page), enable the ISOFIX restraints to be securely attached to the vehicle seat in these positions only.

In addition, two tether anchor bars are fitted to the back of the rear seats (see second illustration on previous page), to secure child restraint anchor straps.

Always ensure that, if an upper tether is provided, it is secured and tightened properly as this provides the maximum protection for your child.

When fitting ISOFIX child restraints, always follow the instructions supplied by the manufacturer of the restraint.

Once the ISOFIX restraint is installed, you are recommended to test the security of the installation before seating the child. Attempt to twist the restraint from side to side and to pull the restraint away from the vehicle seat; then check that the anchors are still securely in place.

WARNING

If the restraint is not correctly anchored, there is a significant risk of injury to the child in the event of a collision or emergency braking.

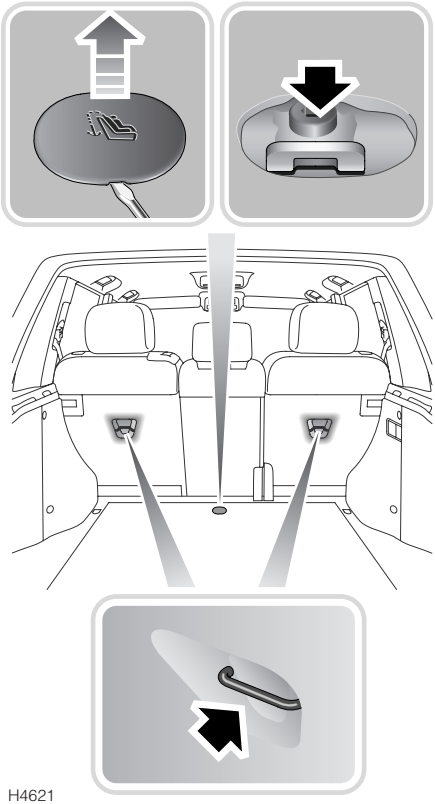
Child restraint anchorages are designed to withstand only those loads imposed by correctly fitted child restraints. Under no circumstances are they to be used for adult seat belts, harnesses or for attaching other items or equipment to the vehicle.

Mass Group As indicated on child safety seat packaging.	**Seating Positions**		
	Front Passenger	**Rear Outboard**	**Rear Centre**
0 = Up to 10 kg (22.05 lb) (0-9 months)	X	ISO	X
I = 9 to 18 kg (20 to 40 lb) (9 months - 4 years)	X	ISO	X
ISO = Suitable for ISOFIX category restraints approved for this mass group. X = Seat position not suitable for ISOFIX category restraints. Group **0** - Britax Cosy-Tot Isofix/Römer Babysafe Isofix child safety seat. Group **I** - Britax/Römer Duo Plus Isofix child safety seat.			

TETHER STRAP ANCHORAGES (Australia only)

WARNING

Child restraint anchorages are designed to withstand only those loads imposed by correctly fitted child restraints. Under no circumstances are they to be used for adult seat belts, harnesses or for attaching other items or equipment to the vehicle.



H4621

Provision is made in the rear seats for the fitting of up to three child seats, of the type that requires tether strap anchorage points.

There are three tether strap anchorage points. These should be used to attach tether straps from child seats or restraint systems.

Two anchorage points are fitted to the back of the second row seat, these should be used for the two outer seating positions.

A third, single anchorage point is located in the floor panel behind the centre rear seat, for attaching a tether strap from the centre seat position.

Using a small flat-bladed screwdriver, remove the circular cover to reveal the child seat anchorage point (see left inset).

Attaching tether straps

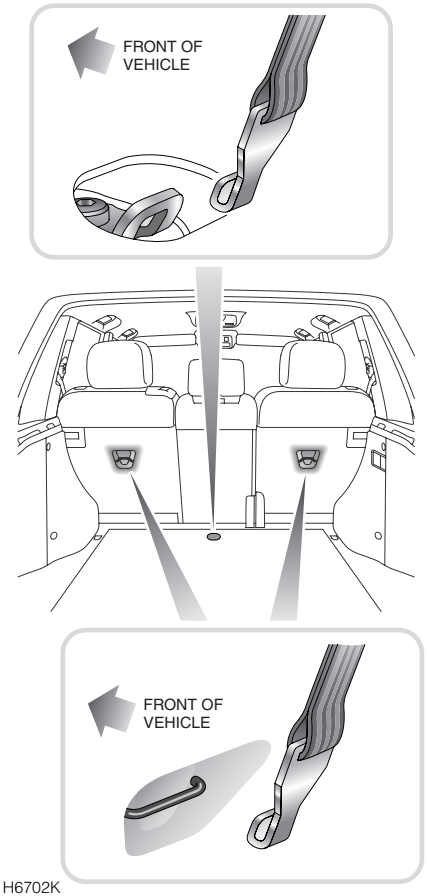
1. Install the child restraint securely in one of the second row seating positions.
2. Pass the tether strap over the back of the vehicle seat and beneath the underside of the head restraint.
3. Attach the clip on the head of the tether strap to the tether anchor on the back of the vehicle seat (or, for the centre seating position, on the tether anchor in the floor panel behind the rear centre seat). Note the orientation of the strap hook relative to the front of the vehicle.
4. Tighten the tether strap according to the manufacturer's instructions, to remove an slack in the webbing.

WARNING

Always follow the child seat or restraint system manufacturer's instructions when fitting tether straps.

When fitting a child seat or restraint system, always pass the tether strap over the top of the seat back and beneath the underside of the head restraint.

If a child seat or restraint system is to be fitted to the centre seating position, the centre armrest must be in the stowed position (folded into the seat).



H6702K

CHILD RESTRAINT CHECK LISTS

Non-ISOFIX child restraints

Follow the check list every time a child travels in the vehicle:

- Carefully follow the instructions provided by the manufacturer of the restraint system.
- Always use the appropriate child restraints and adjust harnesses for every child, every trip.
- Avoid dressing a child in bulky clothing and do not place any objects between the child and the restraint system.
- Regularly check the fit of a child seat and replace seats or harnesses that show signs of wear.
- Ensure that you have removed all slack from the adult seat belt.
- No child seat is completely child-proof. Encourage a child not to play with the buckle or harness.
- Never leave a child unsupervised in the vehicle.
- Activate the rear door child safety locks. See **CHILD-PROOF LOCKS, 42**.
- Ensure that a child does not exit the vehicle from the side where there is traffic.
- Set children a good example - always wear your seat belt.

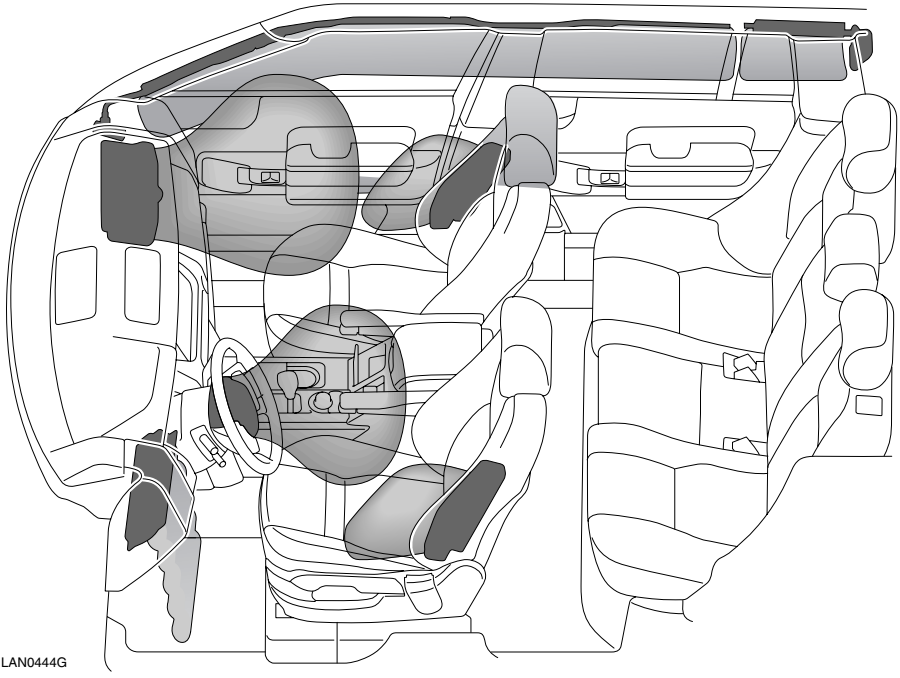
ISOFIX child restraints

Follow the check list every time a child travels in the vehicle:

- **Always attach the top tether when installing the ISOFIX seat.**
- Carefully follow the instructions supplied with the child seat.
- Always give the ISOFIX seat a final pull to ensure that the lower anchors are secure.
- Always use the appropriate child restraints and adjust the harnesses for every child, every trip.
- Make sure that a child falls into the correct weight range for the seat.
- Avoid dressing a child in bulky clothing and do not place any objects between the child and the restraint system.
- Regularly check the fit of a child seat and replace seats and harnesses that show signs of wear.
- No child seat is completely child-proof. Encourage children not to play with the buckle or harness.
- Never leave a child unsupervised in the vehicle.
- Activate the rear door child safety locks. See **CHILD-PROOF LOCKS, 42**.
- Ensure that a child does not exit the vehicle from the side where there is traffic.
- Set children a good example - always wear your seat belt.

Airbags

INTRODUCTION



WARNING

The airbag is a supplementary restraint system that provides additional protection in a severe impact only - it does not replace the need to wear a seat belt. To reduce the risk of severe injury or death in the event of a crash, all occupants in all seating positions, including the driver, should always wear their seat belt, whether or not an airbag is present at that seating position.

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.

WARNING

Ensure that a gap is maintained between the side of the vehicle and the head and torso, to enable unobstructed inflation of the head and seat-mounted side airbags.

Do not lean out of the window.

The airbag supplementary restraint system (SRS) incorporates a knee-bolster airbag for the driver, front airbags, seat-mounted side airbags and head airbags for the front seat occupants, and head airbags for the outer rear passengers (see illustration for airbag locations). These are indicated by the word **AIRBAG** on the trim.

Provided the occupants are correctly seated, with seat belts properly worn; in the event of a severe frontal impact, the airbags will provide additional protection to the legs, chest and face of the driver and the chest and face of the front seat passenger.

In the event of a severe side collision, airbags provide additional protection to the side of the head and body facing the impact for front seat occupants and to the side of the head facing the impact for outer rear seat occupants.

Note: *Inflation and deflation of the front and seat-mounted side airbags takes place very quickly and will not protect against the effects of secondary impacts that may occur. Head airbags deflate at a slower rate and therefore do offer some additional protection in the event of a secondary impact.*

Airbag SRS warning indicator



A warning indicator in the instrument panel will alert you to any malfunction of the airbag SRS.

The airbag SRS should always be checked by a Land Rover Dealer/Authorised Repairer if any of the following symptoms occur:

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

When the starter switch is turned to the second position, the diagnostic control unit monitors the readiness of the system's electrical circuits.

The elements of the system being monitored include:

- SRS warning light.
- Rotary coupler.
- Airbag modules.
- Seat belt pre-tensioners.
- Airbag diagnostic control unit.
- Crash sensors.
- Airbag wiring harnesses.
- Seat occupancy sensor.

HOW THE AIRBAG SRS WORKS

In the event of a collision, the airbag control unit monitors the rate of deceleration or acceleration induced by the collision, to determine whether the airbags should be deployed.

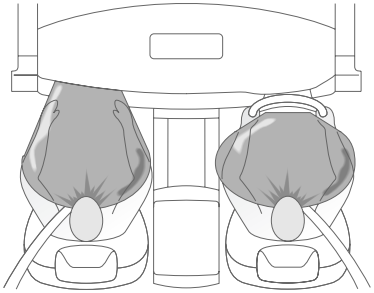
Operation of the airbag SRS is dependent on the rate at which the vehicle's passenger compartment changes speed as a result of a collision. The circumstances affecting different collisions (vehicle speed, angle of impact, type and size of object hit, for example), vary considerably and will affect the rate of acceleration or deceleration accordingly.

Note: *The airbag SRS is not designed to operate as a result of:*

- *Rear collisions.*
- *Minor front impacts.*
- *Minor side Impacts.*
- *Roll-over accidents.*
- *Heavy braking.*
- *Driving over bumps and potholes.*

It follows, therefore, that significant superficial damage can occur without the airbags deploying or, conversely, that a relatively small amount of structural damage may cause the airbags to be deployed.

Front airbag deployment



H3985

Depending on the severity of the frontal collision, the unit will deploy the front airbags in two stages:

- In a moderately severe frontal impact, the airbags inflate sufficiently to protect the front seat passengers and reduce the risk of injury.
- In a severe frontal impact, the airbags will fully inflate thereby providing maximum protection.

Airbag inflation is virtually instantaneous and occurs with considerable force, accompanied by a loud noise. The inflated bag, together with the seat belt restraint system, limit the movement of an occupant, thereby reducing the risk of injury to the head and upper torso.

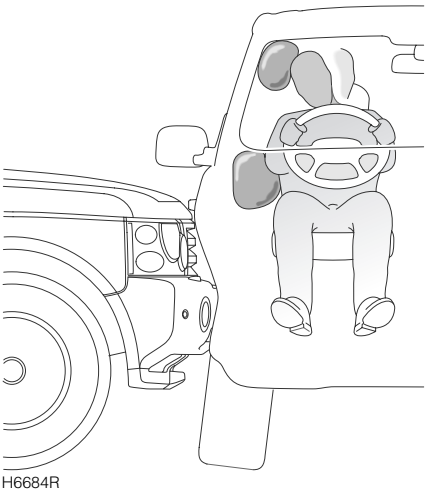
In the case of a severe frontal collision, both front airbags and the driver's knee bolster airbag will be deployed. In the case of a severe side collision, only the side and head airbags on the impacted side of the vehicle will inflate.

However, there may also be impact conditions whereby one set of side and all front airbags deploy at the same time, or where front and side airbags respond separately as a result of a secondary impact occurring after the initial collision has taken place.

Seat-mounted side airbags

WARNING

Ensure that a gap is maintained between the side of the vehicle and the head and torso, to enable unobstructed inflation of the head and seat-mounted side airbags.



H6684R

Side airbags are designed to protect the thorax region of the torso and will only deploy in the event of a severe side impact. They will not inflate as a result of frontal or rear impacts only.

In the event of a severe side collision, the airbags on the impacted side of the vehicle deploy from the side of the seat-back, rapidly inflating to form a cushion between the front seat occupants and the side of the vehicle. The airbags on the non-impacted side of the vehicle will not be deployed.

Head airbags

WARNING

For the head airbags to deploy correctly, the roof lining and A post trim must be undamaged and fitted correctly. Any damage or suspect fitting should be referred to a Land Rover Dealer/Authorised Repairer for examination.

Head airbags are designed to protect the head in the event of a severe side impact only. They will not inflate as a result of frontal or rear impacts alone.

The head airbag modules are located behind the roof lining and **A** post trim above the doors. In the event of a severe side collision, the airbag pushes out from behind the roof lining and **A** post trim as it inflates. The head airbag remains inflated for longer than the other airbags, to provide additional head protection in the event of a secondary impact.

Deployment effects

When an airbag inflates, a fine powder is released. This is not an indication of a malfunction. However, the powder may cause irritation to the skin and should be thoroughly flushed from the eyes and any cuts or abrasions of the skin. After inflation, front and side airbags deflate immediately (head airbags deflate slowly). This provides a gradual cushioning effect for the occupant and also ensures that the driver's forward vision is not obscured.

WARNING

Activation of an airbag creates dust, causing possible breathing difficulties for asthma sufferers or other people with respiratory problems. If an airbag is activated, any occupant who suffers from breathing difficulties should; either leave the vehicle as quickly as possible, or obtain fresh air by fully opening the windows or doors.

Following inflation, some airbag SRS components are hot - do not touch until they have cooled.

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

- **An airbag will only provide additional protection in certain types of frontal collisions. No protection is afforded against the effects of rear impacts, or minor frontal impacts.**
- **Inflation and deflation take place instantaneously and will not provide protection against the effects of secondary impacts that can occur during multiple vehicle collisions.**

Disability modifications

Occupants with disabilities that may require the vehicle to be modified must contact a Land Rover Dealer/Authorised Repairer before any modifications are made.

Obstruction of airbags

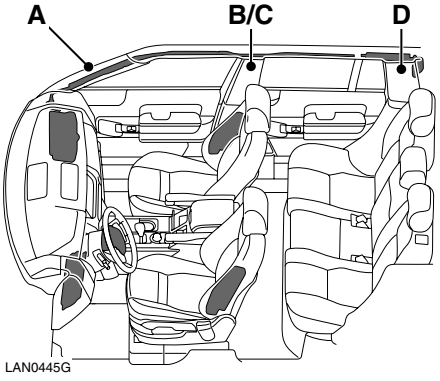
WARNING

Do not allow passengers to obstruct the operation of the airbags by placing feet, knees or any other part of the person, or any other objects in contact with, or in close proximity to, an airbag module.

Do not attach or position items (including accessory items) on or in close proximity to any airbag module, these could interfere with the inflation of the airbag or, if the airbag inflates, be propelled inside the vehicle causing injury to the occupants.

Never place your arm over an airbag cover as a deploying airbag can cause serious fractures or other injuries.

The front passenger's seating position is equipped with a knee bolster, to provide knee protection in the event of an impact. Do not modify the bolster, or mount after-market equipment on or behind it.



Note: *The illustration shows the location of the airbags relative to the* ***A****,* ***B/C*** *and* ***D*** *posts.*

To ensure correct deployment of the airbags, it is essential that obstructions are not allowed to intervene between an airbag and the occupant.

The following are examples of the type of obstructions that could either, impede correct operation of the airbags, or jeopardise personal safety in the event of an airbag deployment:

- Accessories attached to or obscuring an airbag cover, including; the roof lining, **A** and **B/C** post finishers, the front seat backrests and the lower facia on the driver's side.
- Items of hand luggage, or other objects placed on an airbag cover.
- Feet, knees or any other part of the anatomy in contact with, or in close proximity to, an airbag cover.
- Head, arms or any part of the anatomy in contact with, or in close proximity to, a seat-mounted side airbag.
- Items of clothing hanging from the grab handle attached to the roof.
- Items of clothing or cushions, draped over the part of the front seat containing the airbag.
- Non-approved seat covers/accessory seat covers over a front seat; in particular, seat covers that have not been designed for use with seat-mounted side airbags. If in doubt, consult your Land Rover Dealer/Authorised Retailer.

Caution: If a non-approved phone system is to be fitted, ensure that the installer is aware of the SRS system.

Note: *Unauthorised modification of the vehicle or parts may invalidate the vehicle's warranty.*

PASSENGER AIRBAG DISABLING SWITCH



If it becomes necessary to fit a child restraint on the front passenger seat, the airbag must be disabled using the switch located on the end of the instrument panel, on the passenger's side. Access to the switch can only be obtained with the passenger's door open.

This switch is operated using the starter key.

When using a child restraint in the front, make sure that the switch is turned to the **OFF** position.

Operational status indicator



The passenger airbag operational status indicator, located in the overhead control panel, illuminates when the passenger airbag disabling switch has been turned to the **OFF** position, to disable the passenger airbag.

After the airbag has been disabled, the indicator does not illuminate until the starter switch has been turned to the second position.

WARNING

When checking the status of the airbag using the operational status indicator, always ensure that the starter switch is in the second position.

Airbag switched off



H6037G

In order to fit a child restraint to the front passenger seat, use the starter key to turn the airbag disabling switch to the **OFF** position.

Check that when the starter switch is turned to the second position, the operational status indicator on the overhead control panel is illuminated, indicating that the passenger airbag is not operational.

If the airbag SRS warning indicator in the instrument cluster illuminates continuously, it means that there is a malfunction of the system. See **Warning Indicators, 102**. Remove the child restraint from the front seat and consult your Land Rover Dealer/Authorised Repairer.

WARNING

When checking the status of the airbag using the operational status indicator, always ensure that the starter key is in the second position.

To avoid the risk of injury, never use a child restraint in the front of the vehicle, unless the passenger airbag has been switched off.

Airbag switched on



H6038G

When an adult is seated in the front passenger seat of your vehicle, ensure that the airbag disabling switch is turned to the **ON** position.

This will ensure that the airbag will perform as intended in the event of a crash.

Check that when the starter switch is turned to the second position, the operational status indicator on the overhead control panel is not illuminated, indicating that the passenger airbag is operational.

WARNING

To ensure that the adult restraint system performs as intended, make sure that the passenger airbag is switched on.

The safest place in your vehicle for a child, is in a rear seating position.

SERVICE INFORMATION

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.

Any notable damage to SRS components or covers, e.g. tears, burns, holes, chemical/ detergent damage or previous accidental damage, etc., however produced, may cause the SRS module(s) to fail. Ensure that any damaged components are repaired or replaced by a Land Rover Dealer/Authorised Repairer.

Always contact your Land Rover Dealer/ Authorised Repairer if;

- an airbag inflates.
- the front or side of the vehicle is damaged, even if the airbag has not inflated.
- any part of an airbag module cover shows signs of cracking or damage.

Caution: 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.

WARNING

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

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

Disposing of vehicles

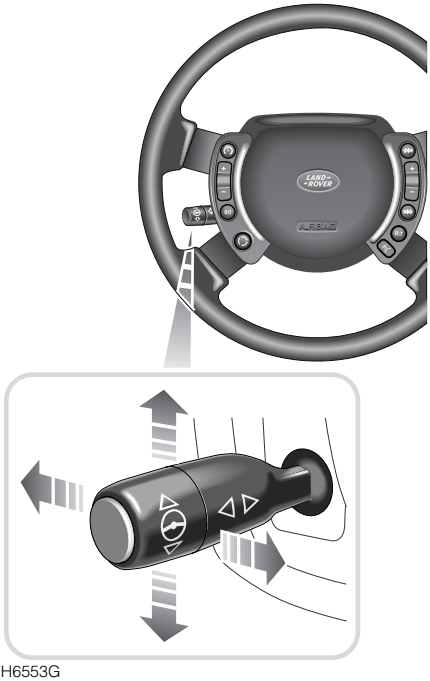
If you sell your vehicle, be sure to inform the new owner that the vehicle has an airbag SRS.

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.

STEERING WHEEL ADJUSTMENT

WARNING

Do not adjust the steering wheel position while the vehicle is in motion. This is extremely dangerous.



H6553G

The steering wheel position can be adjusted in four directions, corresponding with the movement of the adjustment lever, to suit your driving position.

With the vehicle stationary, move the lever up or down to adjust the height of the steering wheel.

Move the lever forwards or rearwards, to move the steering wheel further away from, or closer to, the body.

STEERING WHEEL POSITION MEMORY

The finalised steering wheel position can be stored in memory and referenced to the starter key in use when the position was set.

When that key is next used, the stored settings associated with it will be actioned.

This enables different steering wheel settings to be stored on different keys, helping driving position to be easily optimised for more than one driver.

Note: *On vehicles fitted with the driver's seat memory feature, up to three different sets of steering column positions can be stored and recalled. See* ***DRIVER'S SEAT MEMORY FACILITY, 49****.*

When the starter switch is turned off, the steering column will move up to its highest position. This gives greater room for movement when exiting and entering the vehicle.

If the steering column is subsequently adjusted, you can store the new position along with your current seat and mirror positions, in place of your previously stored settings.

1. Press the memory store button (M) on the side of the seat switch pack.
2. Within seven seconds, press the memory pre-set button (1, 2 or 3), corresponding to your current seating position.

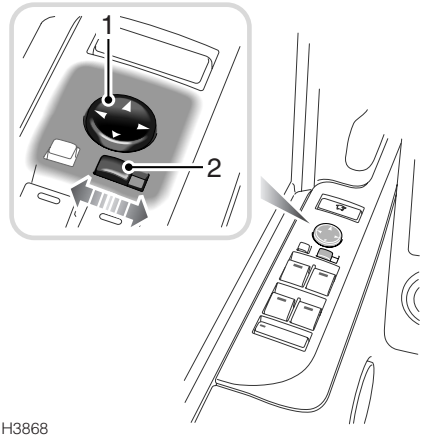
The new settings are now stored on the chosen memory pre-set button.

See **DRIVER'S SEAT MEMORY FACILITY, 49**.

EXTERIOR MIRRORS

Caution: Objects viewed in exterior mirrors may appear further away than they actually are.

Mirror adjustment



H3868

- Move the lower control (2) to the left or right-hand position to select either the left or right hand-mirror.
- With the starter switch turned to the second position, push the appropriate arrow on the mirror adjust control (1) to tilt the mirror glass up/down/left or right.

The door mirrors have integral heating elements which disperse ice or mist from the glass. These will operate automatically with the starter switch in the second position, depending on external temperature.

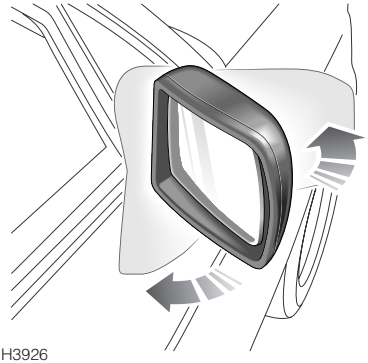
Note: *On vehicles fitted with the driver's seat memory feature, up to three different sets of exterior mirror positions can be stored and recalled. See* ***DRIVER'S SEAT MEMORY FACILITY, 49****.*

If the mirrors are subsequently adjusted, you can store the new positions along with your current seat and steering column positions, in place of your previously stored settings.

1. Press the memory store button (M) on the side of the seat switch pack.
2. Within seven seconds, press the memory pre-set button (1, 2 or 3), corresponding to your current seating position.

The new settings are now stored on the chosen memory pre-set button.

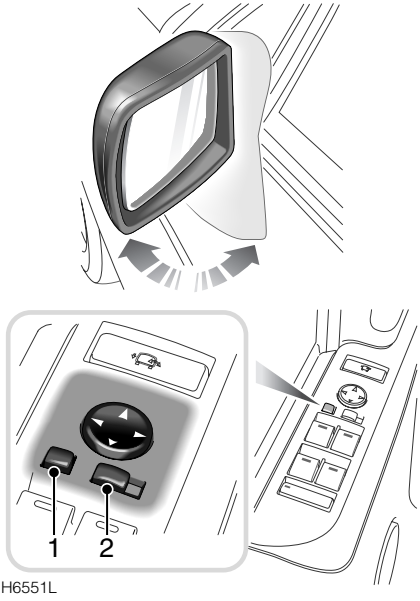
Folding the mirror body


H3926

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.

Door Mirrors



H6551L

Electric operation: Press the mirror-fold button (1) once to fold the mirrors into the side windows. Press again to return the mirrors to the driving 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.

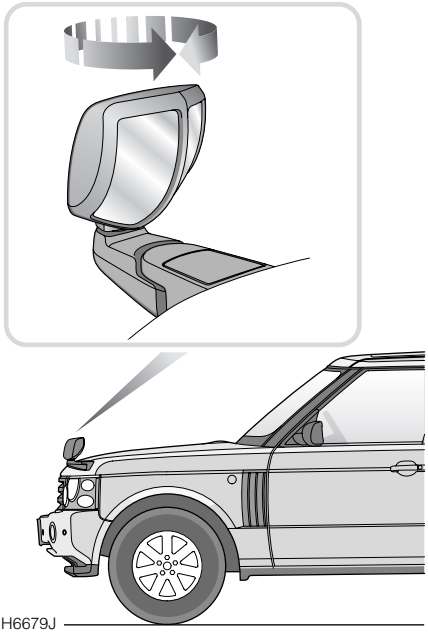
Automatic mirror dipping

Vehicle's fitted with driver's seat memory have a pre-stored function, which causes the nearside mirror to dip whenever reverse gear is selected, giving the driver a view of the kerbside. This facility is only available if the mirror select button (2), is set to the driver's side.

Automatic dimming

On some models, the mirrors are equipped with an electrochromatic dimming function that dims the mirror to reduce glare from the headlamps of following vehicles at night.

PROXIMITY MIRROR (Japan only)

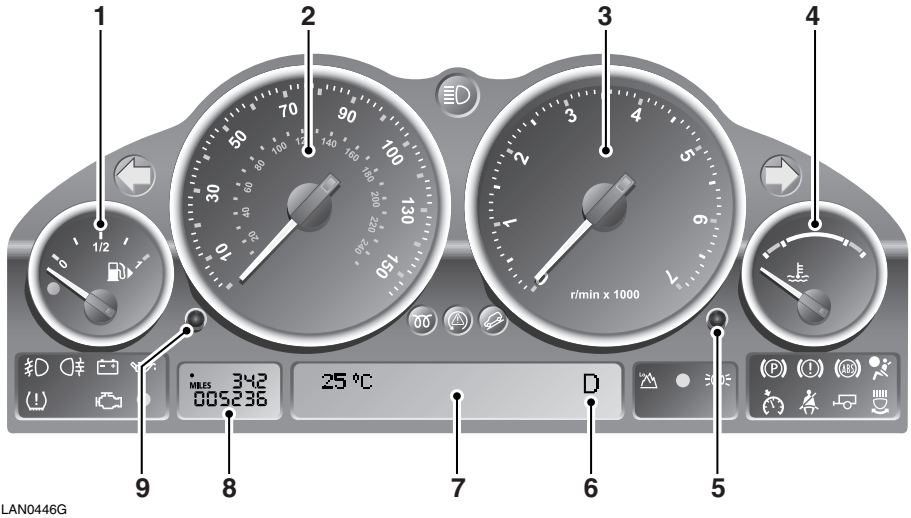

H6679J

The proximity mirror has a split lens, providing views along the left side and immediately ahead of the vehicle. Correct adjustment of the mirror will reduce blind spots.

Adjust the mirror by rotating the head to the left or right. The mirror should be adjusted a few degrees at a time and the view checked from the driver's seat, before making further adjustments.

Note: *Alignment marks on the mirror head and arm indicate the initial position the mirror was set to during manufacture.*

INSTRUMENT PANEL



LAN0446G

1. 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 the second position.

When the fuel remaining in the tank is a minimum of 12 litres (3 gallons) on petrol vehicles, or 16 litres (3.5 gallons) on diesel vehicles, the Amber low fuel warning indicator in the fuel gauge illuminates. If the indicator illuminates, refuel at the first opportunity.

The small arrow visible in 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.

Caution: Never allow vehicles to run out of fuel (the resultant misfire may destroy the catalytic converter).

2. Speedometer

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

3. 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.

4. Temperature gauge

Once the engine coolant has reached its normal operating temperature, the pointer will rise to a position midway between the red and blue segments 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 message **COOLANT TEMPERATURE** is displayed, 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 until the pointer returns to the normal operating position. If the problem persists, seek qualified assistance before continuing.

5. Check control button

At first press, the message **CHECK CONTROL OK** appears if there are no current messages. If there are current messages, these will scroll through with each press of the button.

6. Gear selector position display

This shows the current gear lever position. See **GEAR SELECTOR DISPLAY, 101**.

7. Main message centre

Displays all warning and information messages submitted by the vehicle systems. See **MAIN MESSAGE CENTRE, 90**.

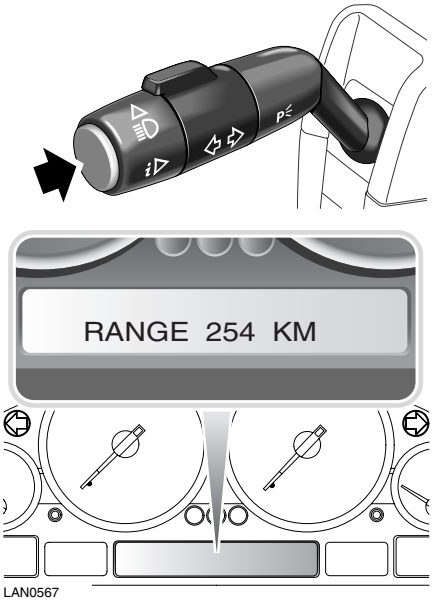
8. Trip distance recorder

Displays the total distance travelled by the vehicle, and also shows the most recent individual journey distance. See **TRIP/DISTANCE RECORDER, 101**.

9. Reset button

Resets the trip/distance recorder display. See **TRIP/DISTANCE RECORDER, 101**.

TRIP COMPUTER - FUNCTION SELECTION



The trip computer utilises the message centre in the instrument pack and provides useful information to assist the driver to calculate fuel stops, journey times and distances.

When the starter switch is in the second position, the different trip computer statistics can be viewed in turn by pressing the button on the end of the direction indicator stalk repeatedly until the relevant statistic is displayed. The statistics are displayed in the following order:

- Speed limit.
- Distance (to destination).
- Range (distance to empty).
- Estimated time of arrival.
- Date.
- The current time.
- Fuel consumption 1.
- Fuel consumption 2.
- Average speed.

Note: *Distance (to destination) and estimated time of arrival are only available on the trip computer if Navigation is not fitted.*

The driver has the option to select which of the above functions are displayed and also in which order.

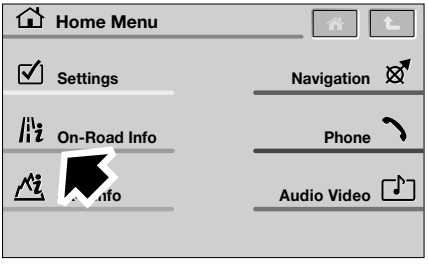
ON BOARD COMPUTER

The On Board Computer (OBC) settings are made using the Infotainment touch screen. However, the functions are accessed via the button on the end of the lights and indicator stalk and the feedback is displayed via the message centre on the instrument pack.

COMPUTER SETTINGS



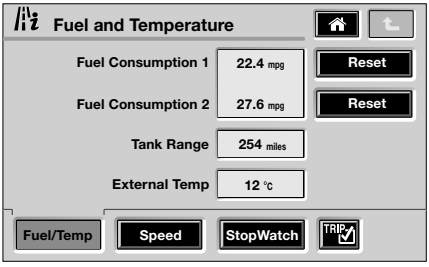
ICE1799 ENG



ICE1800 ENG

To access the OBC settings menu, either press the **On Road Info** button, or touch the **On Road Info** icon.

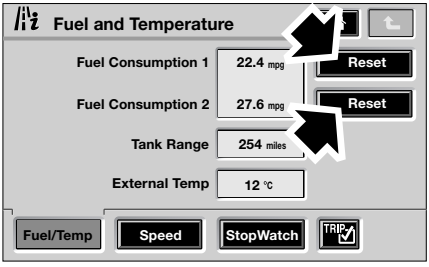
Main settings screen



ICE1801 ENG

The main OBC settings screen is displayed and offers four groups of settings, via the icons at the bottom of the screen.

Fuel and temperature settings

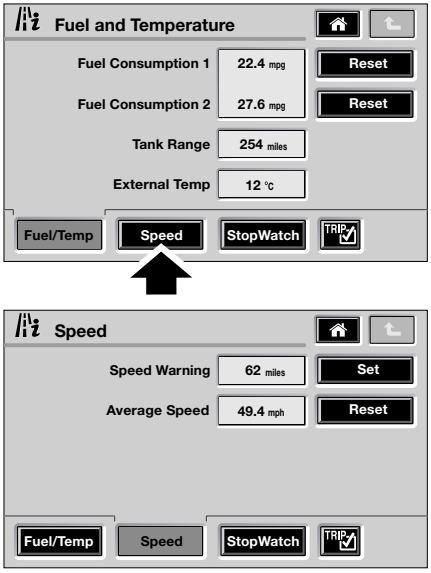


ICE1802ENG

To reset the average fuel consumption figures prior to starting a new journey, touch the **Reset** icon for either, or both, fuel consumption displays.

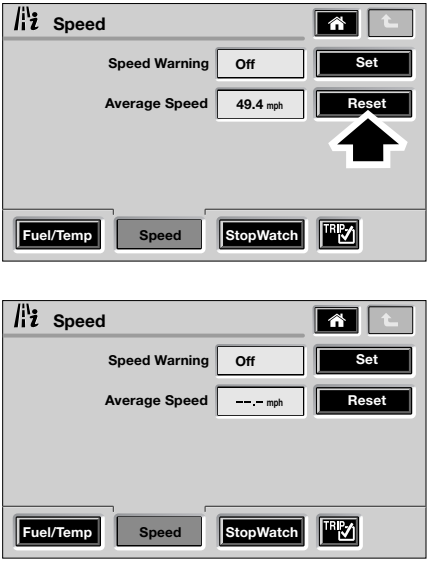
Note: *The figures for Tank Range and External Temperature are not user set, and will give a current status reading.*

Speed settings (with navigation)



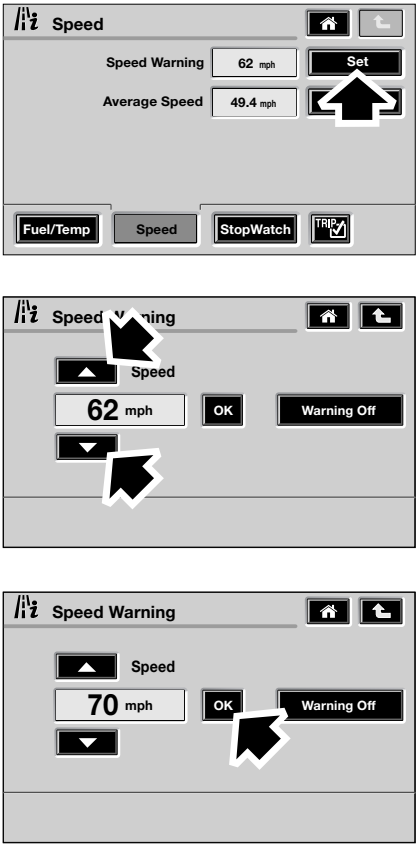
ICE1803 ENG

From the main OBC settings screen, touch the **Speed** icon.



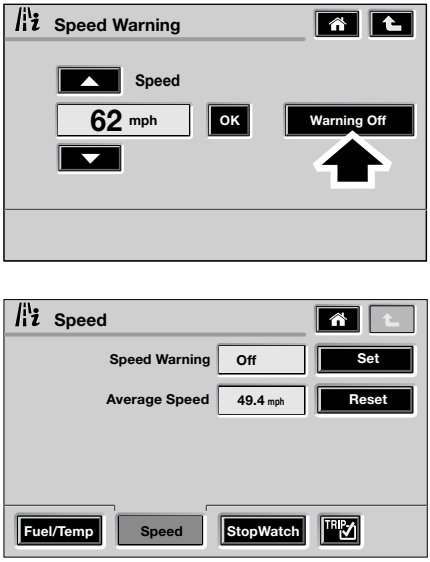
ICE1806 ENG

To reset the average speed (the current reading will be from a previous journey), touch the **Reset** icon.



ICE2360 ENG

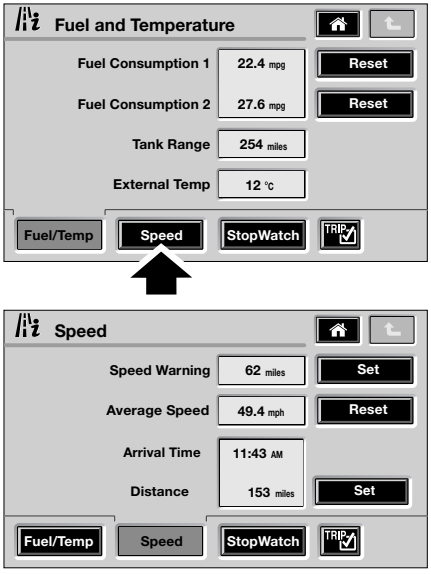
To adjust the speed at which the warning chime is heard, use the up and down arrows. Once the display shows the correct speed, touch the **OK** icon to accept the changes and turn on the speed warning feature.



ICE2361 ENG

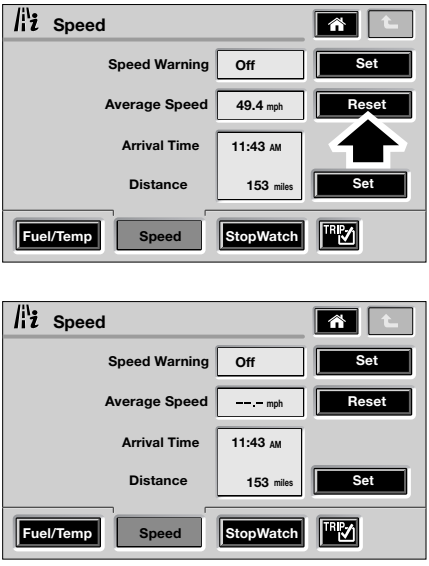
To turn the speed warning feature off, touch the **Warning Off** icon.

Speed settings (without navigation)



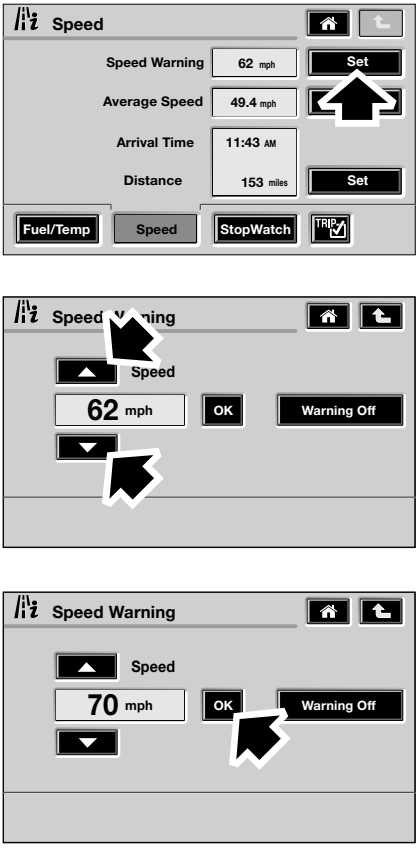
ICE1940 ENG

From the main OBC settings screen, touch the **Speed** icon.



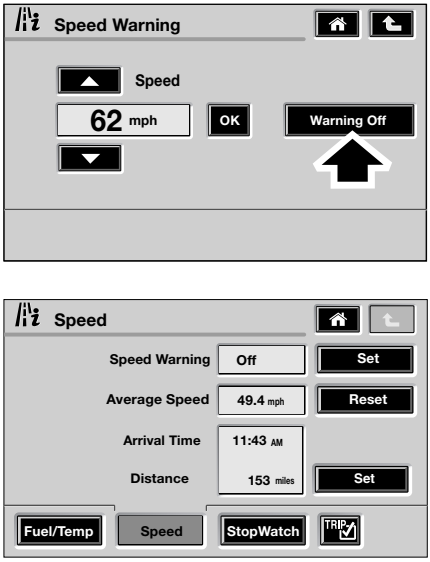
ICE1943 ENG

To reset the average speed (the current reading will be from a previous journey), touch the **Reset** icon.



ICE2366 ENG

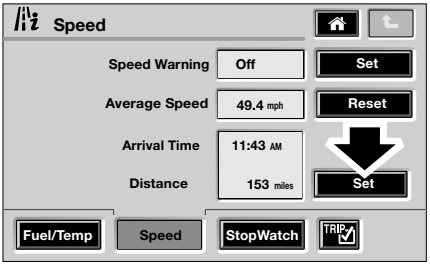
To adjust the speed warning (the speed at which the warning chime is heard), use the up and down arrows to set the desired speed. Once the display shows the correct speed, touch the **OK** icon to accept the changes and turn on the speed warning feature.

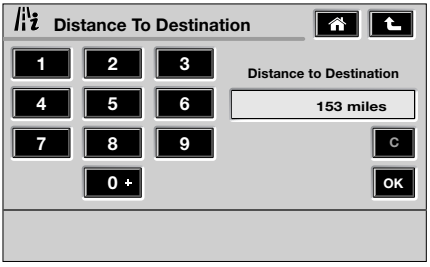


ICE2367 ENG

To turn the speed warning feature off, touch the **Warning Off** icon.

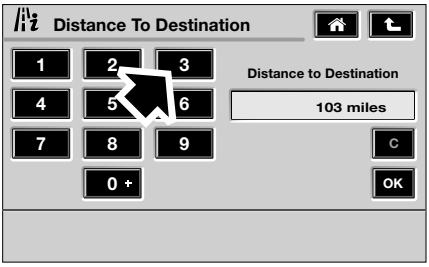
Distance to destination (without navigation)

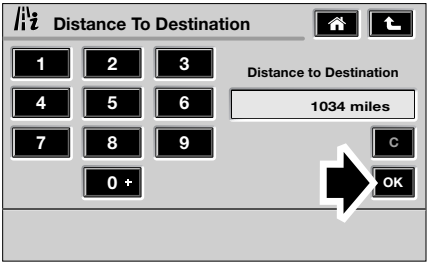




ICE1946 ENG

To set distance, press the **Set** icon alongside the Distance entry, which takes you to the Distance To Destination screen.

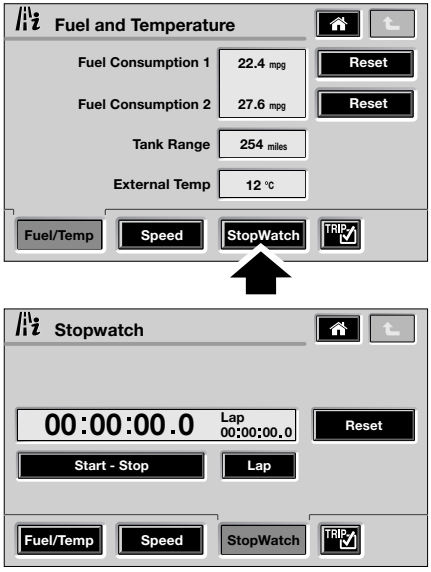




ICE1947 ENG

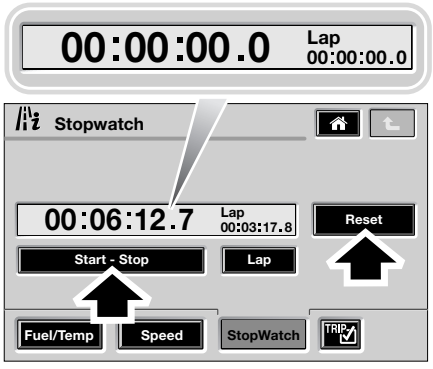
On the Distance To Destination screen, press the **C** icon to backspace/clear the existing distance. Enter the new distance to destination by pressing the number icons. Press the **OK** icon to set the value entered and return to previous screen.

Stopwatch settings



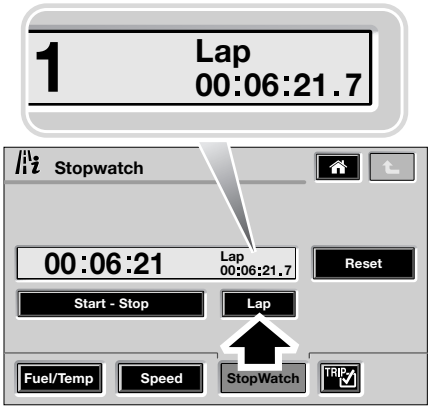
ICE2362 ENG

To access the Stopwatch settings menu, touch the **StopWatch** icon.



ICE2364 ENG

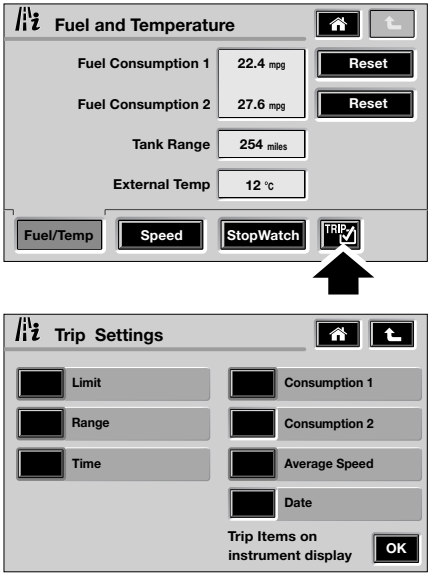
To start or stop the stopwatch, touch the **Start-Stop** icon and to reset the stop watch to zero, touch the **Reset** icon.



ICE2365 ENG

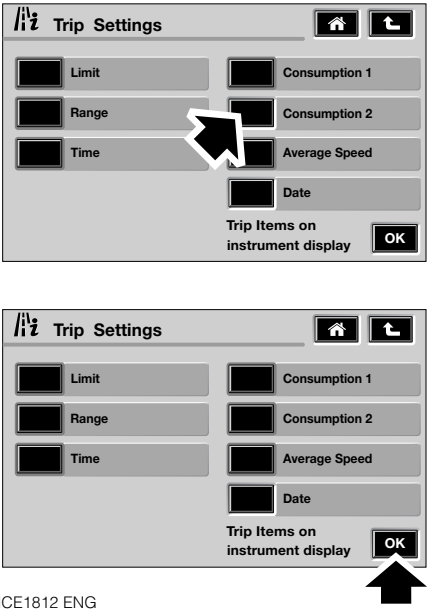
To time an individual lap, or event within a series, touch the **Lap** icon.

Trip display settings (with navigation)



ICE1811 ENG

To access the trip computer settings, touch the **Trip** icon.

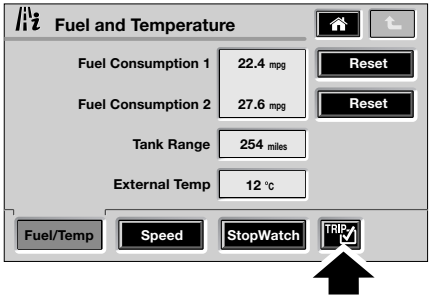


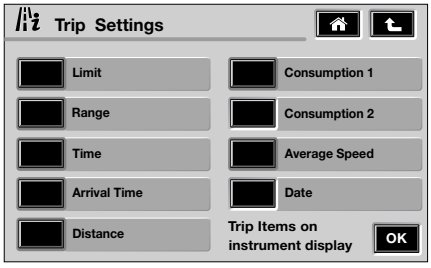
ICE1812 ENG

The information centre on the instrument pack is able to display individual values chosen from a list.

To select which items make up the list, touch the square icon adjacent to each of your choices. Once you have made your selections, touch the **OK** icon.

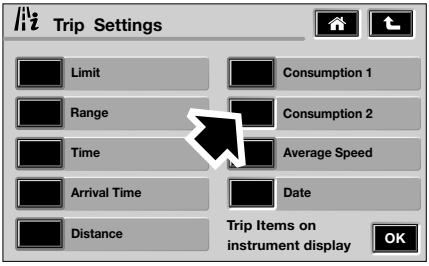
Trip display settings (without navigation)

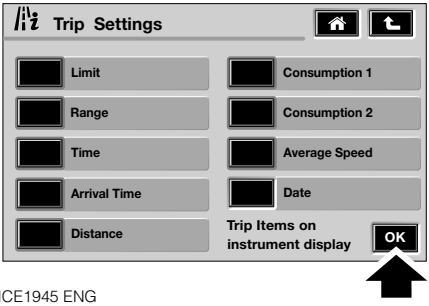




ICE1944 ENG

To access the trip computer settings, touch the **Trip** icon.



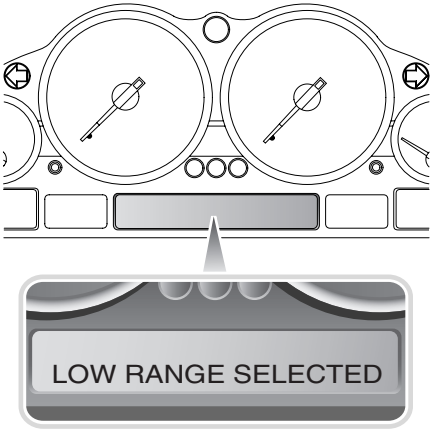


ICE1945 ENG

The main message centre on the instrument pack, is able to display individual values chosen from a list.

To select which items make up the list, touch the square icon adjacent to each of your choices. Once you have made your selections, touch the **OK** icon.

MAIN MESSAGE CENTRE



LAN0575

Driver warning and information messages are displayed in the message centre. Messages have different priority levels and are grouped into the following categories.

Messages are displayed when a fault is detected and also when the starter switch is turned off. It is also possible to view messages for up to 3 minutes after the key has been removed from the starter switch, by pressing the system check control switch.

Critical warning messages

Some critical warning messages are accompanied by an audible warning. Critical warning messages are displayed continuously while the starter switch is turned on, and remain displayed while the fault persists.

Do not ignore these messages, take corrective action immediately. See **WARNING INFORMATION MESSAGES, 91**.

Warnings and information messages

Warning messages are non-critical, but must be treated with some urgency. They may also be accompanied by an audible warning each time the message is displayed.

Do not ignore these messages, take corrective action immediately. Warning messages are displayed for approximately 20 seconds. If other warning messages are pending, the display time will be reduced to approximately 2 seconds.

Information messages will be displayed as and when applicable, and also when the starter switch is turned on or off. Where the message requires action by the driver - take corrective action as soon as possible. See **WARNING INFORMATION MESSAGES, 91**.

External temperature

The main message centre also displays the current external temperature.

Gear selector display

The main message centre also displays the current gear lever position. See **GEAR SELECTOR DISPLAY, 101**.

WARNING INFORMATION MESSAGES

Warnings and information messages appear in order of importance, with critical warnings taking priority.

Message	Meaning	What to do?
CAUTION! PARK BRAKE APPLIED	A switch apply request has been made while the vehicle is moving.	This function should only be used in an emergency.
CAUTION! RISK OF GROUNDING WITH SUSPENSION AT NORMAL HEIGHT	Displayed when the Terrain Response system would normally have provided Off-road height, but the driver has manually lowered the vehicle (or the system cannot raise the vehicle).	Manually raise suspension to Off-road height if possible and appropriate.
CHECK ALL TYRE PRESSURES	One or more of your tyres is significantly under-inflated.	You should stop as soon as possible, check your tyres and inflate them to the recommended pressure.
CHECK BRAKE FLUID	Fluid level is too low.	Stop the vehicle as soon as safety permits and top-up the brake fluid. Have the source of a possible leak checked by your Land Rover Dealer/Authorised Repairer.
CHECK BRAKE PADS	The brake pads are reaching their wear limit.	Drive cautiously and consult your Land Rover Dealer/ Authorised Repairer at the earliest opportunity.
CHECK CONTROL OK	No system faults have been detected by the vehicle diagnostics system.	No action required.
CHECK COOLANT LEVEL	Coolant level is too low.	You should stop the vehicle at the earliest opportunity, check the coolant level and top-up with the correct mixture of antifreeze and water. If the problem persists, consult your Land Rover Dealer/Authorised Repairer.

Message Centre

Message	Meaning	What to do?
CHECK DIP BEAM LIGHT	A bulb has failed or there is a fault in the electrical circuit.	Check/replace the bulb or consult your Land Rover Dealer/Authorised Repairer.
CHECK ENGINE OIL LEV	The oil level is at the absolute minimum.	Stop the vehicle as soon as safety permits and top-up the engine oil to the correct level.
CHECK FRONT FOGLIGHT	A bulb has failed or there is a fault in the electrical circuit.	Check/replace the bulb or consult your Land Rover Dealer/Authorised Repairer.
CHECK FRONT LIGHT	More than one front lamp is defective.	Check which lamps are defective and replace any failed bulb. If a lamp is still defective, have the fault rectified by a Land Rover Dealer/Authorised Repairer.
CHECK FUEL TANK CAP (only in some markets)	The fuel filler cap is not fitted correctly.	Check the cap and tighten/fit correctly.
CHECK MAIN BEAM LIGHT	A bulb has failed or there is a fault in the electrical circuit.	Check/replace the bulb or consult your Land Rover Dealer/Authorised Repairer.
CHECK NUMPLATE LIGHT	A bulb has failed or there is a fault in the electrical circuit.	Check/replace the bulb or consult your Land Rover Dealer/Authorised Repairer.
CHECK REAR FOGLIGHT	A bulb has failed or there is a fault in the electrical circuit.	Check/replace the bulb or consult your Land Rover Dealer/Authorised Repairer.
CHECK REAR LIGHT	More than one rear lamp is defective.	Check which lamps are defective and replace any failed bulb. If the lamp is still defective, have the fault rectified by a Land Rover Dealer/Authorised Repairer.
CHECK SIDE LIGHT	A bulb has failed or there is a fault in the electrical circuit.	Check/replace the bulb or consult your Land Rover Dealer/Authorised Repairer.
CHECK SPARE TYRE PRESSURE	Your spare tyre is significantly under-inflated.	You should inflate the spare tyre to the recommended pressure.

Message Centre

Message	Meaning	What to do?
CHECK TAIL LIGHT	A bulb has failed or there is a fault in the electrical circuit.	Check/replace the bulb or consult your Land Rover Dealer/Authorised Repairer.
CHECK TRAILER LIGHT	A bulb has failed, there is a bad connection or there is a fault in the electrical circuit.	Check the trailer connection. Check/replace the bulb or consult your Land Rover Dealer/Authorised Repairer.
CLOSE DOORS TO CHANGE HEIGHT	Air suspension height change is restricted because a door is open.	Close any open door. Re-select height if door was open for more than 90 seconds.
COOLANT TEMPERATURE	Coolant temperature is too high.	Stop the vehicle as soon as safety permits and allow the engine to idle until the temperature gauge pointer returns to midway between the red and blue segments. Consult your Land Rover Dealer/ Authorised Repairer at the earliest opportunity.
DOOR OPEN	A door is open (displayed as the vehicle moves off from stationary).	Stop the vehicle as soon as safety permits and close the door.
DSC SWITCHED OFF	Dynamic Stability Control system not available - switched off by driver.	To reselect, press DSC switch.
EEPROM LCMC	The lamp master switch has a fault.	Consult your Land Rover Dealer/Authorised Repairer at the earliest opportunity.
ENGINE SYSTEM FAULT	Engine management system registers a serious fault - reduced performance may be experienced.	Avoid high speeds and consult your Land Rover Dealer/ Authorised Repairer.
EXTENDED MODE	Vehicle body has become trapped on an obstacle and will raise automatically.	Nothing.

Message	Meaning	What to do?
EXTERNAL TEMP X°C/F	The exterior temperature is equal to or less than 4°C (39°F).	This indicates freezing conditions. Appropriate defrosting precautions should be taken before driving and ice may be present on the roads.
FASTEN SEAT BELTS	The driver's or front passenger's seat belt is not correctly fastened.	Ascertain which seat belt is undone and correctly fasten the belt.
FOR MAX AC SELECT NEUTRAL	Maximum air conditioning requires the availability of maximum idle engine power.	With the vehicle stationary, select neutral.
FRONT (REAR) LEFT (RIGHT) TYRE PRESSURE NOT MONITORED	You have a temporary spare tyre fitted at the corresponding position. or	You should limit your vehicle speed to 80 km/h (50 mph) and replace the temporary spare tyre with a correctly inflated full-size tyre as soon as possible.
	The TPM system sensor at the corresponding position has become defective, an unapproved accessory is interfering with the TPM system or you have fitted a wheel and tyre which does not have a sensor.	You should seek assistance from your Land Rover Dealer/ Authorised Repairer as soon as possible.
FUEL TANK CAP LOOSE OR MISSING	System detects that the fuel tank cap is not fitted correctly.	Check fuel tank cap.
GRASS GRAVEL SNOW	If you leave the rotary knob in this position then you will activate the highlighted Terrain Response special program.	Nothing.
HDC FAULT SYSTEM NOT AVAILABLE	Hill Descent Control system fault.	Drive with care and do not attempt to descend steep slopes. Seek assistance immediately.

Message Centre

Message	Meaning	What to do?
HDC NOT AVAILABLE IN THIS GEAR	HDC not operative because of incorrect gear selection. HDC is fully functional in **1**, **R** and **D** in High range. It operates in all gears in Low range.	Select correct gear if HDC is required. In Low range, HDC operates in all gears.
HDC NOT AVAILABLE SPEED TOO HIGH	HDC unavailable, speed threshold exceeded. Max HDC operating speed is 50 km/h (30 mph), max speed for HDC selection is 80 km/h (50 mph).	Reduce vehicle speed.
HDC NOT AVAILABLE SYSTEM COOLING	HDC switched off while brake system is cooling.	Wait until message disappears before attempting to descend steep slopes.
HDC SWITCHED OFF	HDC switched off by driver or speed threshold exceeded.	Nothing.
HEADLAMP DELAY	You have selected headlamp delay - headlamps will switch off automatically.	No action required.
HIGH ENGINE SPEED FOR COOLING	Engine idle speed increasing to improve cooling and/or air conditioning performance.	Nothing.
KEY BATTERY LOW	The battery in the remote control key is low on charge.	Insert the key into the starter switch and start the engine. This will start to recharge the remote control battery
KEY IN IGNITION LOCK (only in some markets)	The key has been left in the starter switch and the driver's door has been opened.	Remove the key from the starter switch.
LIGHTS ON	The key has been removed from the starter switch and the lamps have been left on.	Turn the lamps master switch to the Off position, if the lamps are no longer required.
LOW SCREENWASH	Fluid level is too low.	Top-up the washer reservoir at the earliest opportunity.
MUD RUTS	If you leave the rotary knob in this position then you will activate the highlighted Terrain Response special program.	Nothing.

Message Centre

Message	Meaning	What to do?
PARK BRAKE AUTO RELEASE UNAVAILABLE	Drive-away release function is not available.	Use manual release.
PARK BRAKE BEDDING CYCLE ACTIVE	A garage technician has requested a bedding cycle.	If not required, an ignition reset will cancel the function.
PARK BRAKE FAULT	Supports the yellow warning indicator - electronic parking brake functions may not be available.	Seek qualified assistance.
PARK BRAKE FAULT SYSTEM NOT FUNCTIONAL	Supports the red warning indicator - electronic parking brake functions are not available.	Seek qualified assistance immediately.
PARK BRAKE OFF LIFT SWITCH TO APPLY	An emergency release operation is detected.	Once original faults have been corrected, apply the switch to reinstate electronic parking brake.
PARK LOCK FAILURE APPLY HANDBRAKE	Automatic transmission park lock function ineffective due to transfer box being out of High or Low range.	Seek qualified assistance immediately.
PRESS FOOTBRAKE AND PARK BRAKE SWITCH	A switch release has been detected without brake pedal contact.	Follow the instructions to achieve a manual release.
REDUCED ENGINE PERFORMANCE	Engine management system registers a serious fault - reduced engine performance may be experienced.	Avoid high engine speeds and consult your Land Rover Dealer/Authorised Repairer.
RESET HEIGHT IF CLEAR OF OBSTACLE	Suspension still in extended mode.	Check if vehicle is clear of obstacle. If clear, press down switch to exit extended mode.
ROCK CRAWL	If you leave the rotary knob in this position then you will activate the highlighted Terrain Response special program.	Nothing.
SAND	If you leave the rotary knob in this position then you will activate the highlighted Terrain Response special program.	Nothing.

Message Centre

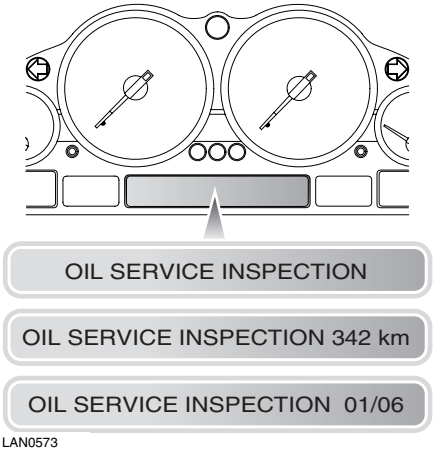
Message	Meaning	What to do?
SELECT NEUTRAL FOR RANGE CHANGE	Alerts driver that range change will not occur until neutral is selected on the transmission.	Select neutral.
SLOW DOWN OR VEHICLE WILL RAISE (LOWER)	Vehicle will automatically rise to Normal height from Crawl (lower to Normal height from Off-road height) if vehicle speed increases.	Choose to slow down or accept height change.
SPECIAL PROGRAMS OFF	You have deselected a Terrain Response special program and the general program has now been activated.	Nothing.
SPEED LIMIT	You are exceeding the set maximum speed limit.	Slow down to conform with the speed limit.
SPEED TOO HIGH TO CHANGE HEIGHT	A height change has been selected that is not allowed, e.g. speed too high to select Off-road height.	Slow down to allow height change.
SPEED TOO HIGH FOR RANGE CHANGE	Driver has requested range change when vehicle speed is too high.	Reduce speed to 40 km/h (25 mph).
STOP! ENGINE OIL PRESS	Engine oil pressure is too low.	Stop the vehicle as soon as safety permits and switch off the engine. Check the oil level, top-up if necessary - if oil level is correct, consult your Land Rover Dealer/Authorised Repairer before driving.
SUSPENSION FAULT	A fault has been detected in the air suspension system.	Seek assistance from a Land Rover Dealer/Authorised Repairer as soon as convenient.
SUSPENSION FAULT MAX SPEED 30 MPH (50 KM/H)	A major fault has been detected in the air suspension system and it is unable to control the height correctly.	Drive slowly until it is repaired.
SUSPENSION FAULT NORMAL HEIGHT ONLY	A fault has been detected in the air suspension system and only Normal height is available.	Seek assistance from a Land Rover Dealer/Authorised Repairer as soon as convenient.

Message Centre

Message	Meaning	What to do?
SUSPENSION LOCKED AT ACCESS HEIGHT	Crawl mode selected and suspension locked.	Nothing.
SUSPENSION LOWERED	Vehicle has lowered to Access height because of failure of another vehicle system.	Check for a system failure and rectify/react appropriately.
SUSPENSION WILL LIFT WHEN SYSTEM COOLED	Air suspension compressor is cooling. Lifting will resume when compressor has cooled.	Wait for suspension to carry out lifting sequence.
TAILGATE OPEN	The tailgate is open as the vehicle moves off from stationary for the first time.	Stop the vehicle as soon as safety permits and close the tailgate.
TRANSMISSION FAULT	Advises driver that automatic transmission has a fault.	Seek assistance from a Land Rover Dealer/Authorised Repairer as soon as convenient.
TRANSMISSION FAULT AND OVERHEAT	Advises driver that an automatic transmission fault has occurred and the temperature is too high.	Reduce speed and seek assistance from a Land Rover Dealer/Authorised Repairer as soon as convenient.
TRANSMISSION FAULT LIMITED GEARS ONLY	Advises driver that automatic transmission has a fault and performance may be affected.	Reduce speed and seek assistance from a Land Rover Dealer/Authorised Repairer as soon as convenient.
TRANSMISSION FAULT TRACTION REDUCED	Advises driver that a fault has occurred with the transfer box control system.	Reduce speed and seek assistance as soon as possible. ***Note:*** *Off-road performance will be reduced.*
TRANSMISSION OVERHEAT SLOW DOWN	Advises driver that the central differential is overheating.	Reduce speed and allow the differential to cool.
TRANSMISSION RANGE CHANGE NOT AVAILABLE	Advises driver that a fault has occurred which prevents the transfer box from changing range.	Reduce speed and seek assistance as soon as possible.

Message	Meaning	What to do?
TYRE MONITORING SYSTEM FAULT	You have fitted wheels and tyres which do not have TPM system sensors.	You should have TPM system sensors fitted to the wheels and tyres as soon as possible.
	TPM system sensors have become defective, an unapproved accessory is interfering with the TPM system or a general fault has been detected in the TPM system.	You should seek assistance from your Land Rover Dealer/ Authorised Repairer as soon as possible.
TYRE PRESSURES LOW FOR SPEED	The tyre pressures are not suitable for high speed driving.	You should reduce vehicle speed. Inflate tyre to recommended pressures, prior to high speed driving.
VEHICLE LIFTING SLOWLY	Vehicle is lifting slowly from compressor only because reservoir is empty.	Nothing.
WATER IN FUEL VISIT DEALER	An excessive amount of water has collected in the fuel filter bowl.	The filter needs to be drained. You should seek assistance from a Land Rover Dealer/ Authorised Repairer as soon as possible.

SERVICE INTERVAL INDICATOR



LAN0573

When the starter switch is turned to the first position, a countdown to when the next service is due appears in the message centre display. A minus sign preceding the distance indicates that the service interval point has been exceeded and this is the distance by which it is overdue.

After approximately five seconds, the display reverts to normal operation.

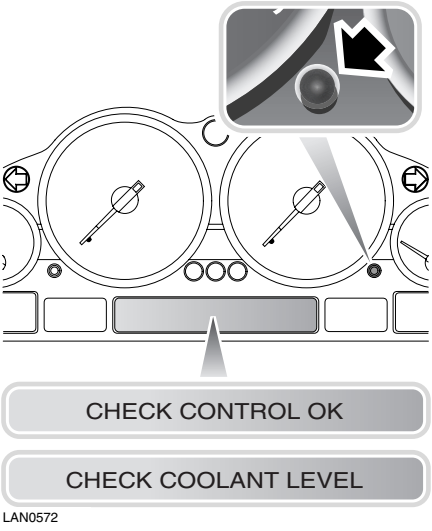
The mileage countdown is controlled by the engine management system and is adjusted to allow for driving style and conditions, to gauge when the appropriate service becomes necessary.

Note: *After the completion of each service, the Land Rover Dealer/Authorised Repairer will reset the distance display to commence the countdown to the next service.*

If the Check control button (see **INSTRUMENT PANEL, 78**) is pressed before the five seconds have elapsed, the date by which the next service should be performed is displayed (by month.year as in 12.06, i.e. December 2006) in place of the countdown feature. This appears for a further five seconds.

If the service/inspection date is passed before the countdown feature has reached zero, the message **OIL SERVICE INSPECTION** will be displayed for five seconds at the start of every ignition sequence to make the driver aware of the need to check the vehicle's service requirements.

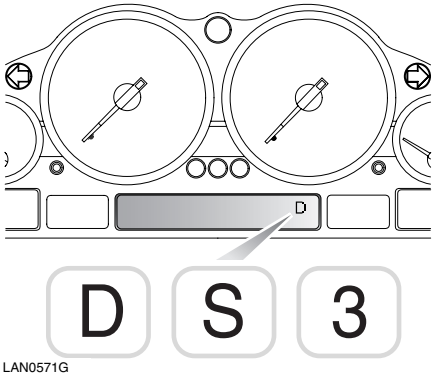
Check control button



LAN0572

After the first press of the check control button, the message **CHECK CONTROL OK** appears if there are no current messages. If there are current messages, these will scroll through with each press of the button.

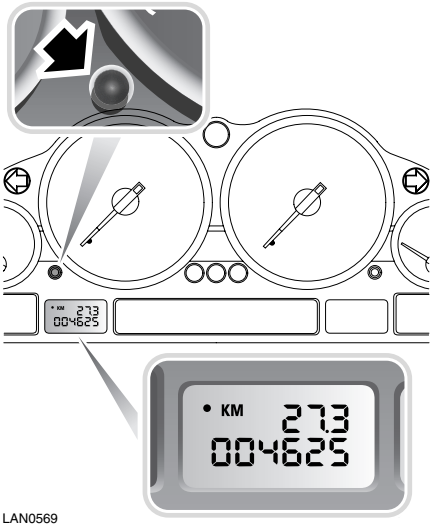
GEAR SELECTOR DISPLAY



LAN0571G

This shows the current gear lever position (**P**, **R**, **N**, **D** or **S**). In addition, the display indicates which gear has been selected when the gearbox is in manual mode (**6**, **5**, **4**, **3**, **2** or **1**).

TRIP/DISTANCE RECORDER

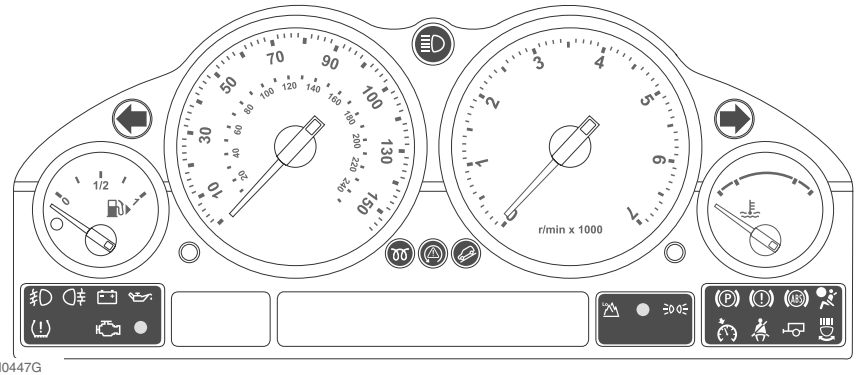


LAN0569

With the starter switch turned to the second position, 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, using the touch screen. See **Changing measurement units, 307**.

Press the reset button briefly to return the trip recorder display to zero.

WARNING INDICATORS



LAN0447G

Caution: Red warning indicators are of particular importance; their illumination indicates that a fault exists. If a Red warning indicator illuminates, stop the vehicle safely and review the specific instructions given in this section.

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

Headlamp main beam - BLUE

Illuminates when the headlamps are switched to main beam.

Direction indicators - GREEN

An indicator flashes in time with the corresponding left or right direction indicator lamps whenever they are operated. If the indicator fails to flash, or flashes very rapidly, this may indicate a bulb failure in one of the direction indicator lamps.

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

Glow plug - AMBER (diesel only)

Illuminates when the starter switch is turned to the second position. Wait for the indicator to extinguish before starting the engine.

Dynamic stability control (DSC) - AMBER

Illuminates briefly as a bulb check when the starter switch is turned to the second position. The indicator also illuminates when the DSC switch is pressed, indicating that DSC has been switched off (but traction control is still active).

The indicator will flash when the system becomes active and will remain flashing until the system is no longer needed.

If the indicator illuminates constantly, and does not extinguish when the DSC switch is pressed, a fault has been detected in the system. If there is a fault, DSC will be inactive - drive with care and seek qualified assistance as soon as possible.

Hill descent control (HDC) information - GREEN



Illuminates briefly as a bulb and system check when the starter switch is turned to the second position and also illuminates when HDC is selected.

If HDC is selected and the vehicle is within the operating speed range of up to 50 km/h (30 mph), the indicator will illuminate continuously.

If HDC is selected and the vehicle is driven faster than the operating speed range, the indicator will flash and the message **NO HDC - SLOW DOWN** is displayed.

The indicator will also flash during HDC fade-out.

If a fault with the HDC system occurs, HDC will fade-out and then deselect, or immediately deselect (depending on the type of fault and whether or not HDC is in operation). The green indicator will extinguish and the message **HDC INACTIVE** will appear in the message centre.

Front fog lamps - GREEN



Illuminates when the front fog lamps are switched on.

Rear fog lamps - AMBER



Illuminates when the rear fog lamps are switched on.

Battery charging - RED



Illuminates as a bulb check when the starter switch is turned to the second position and extinguishes once the engine is running. If it remains on, or illuminates whilst driving, a fault is indicated. Seek qualified assistance urgently.

Low oil pressure - RED



Illuminates as a bulb check when the starter switch is turned to the second position and extinguishes when the engine is started. If the indicator 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 indicator illuminates.

Tyre pressure monitoring- YELLOW



Illuminates as a bulb check when the starter switch is turned to the second position. If the indicator stays on or illuminates during driving, one or more of your tyres is significantly under-inflated. You should stop and check your tyres as soon as is safely possible and inflate them to the recommended pressure.

Check engine - AMBER



Illuminates as a bulb and system check when the starter switch is turned to the second position and extinguishes as soon as the engine is started. Illumination at any other time indicates an engine fault - if the indicator illuminates or flashes while driving, avoid high speeds and seek qualified assistance urgently.

Low gear range - GREEN



Illuminates when Low range has been selected; flashes during range change.

Side lamps on - GREEN



Illuminates when the side lamps are turned on, either manually or by the automatic lighting control.

Warning Indicators

Parking brake system - RED or YELLOW



Illuminates red when the parking brake is applied with the starter switch in the second position. If the indicator flashes red or illuminates yellow, a fault with the Electronic Parking Brake (EPB) system is indicated, seek qualified assistance before continuing.

When parking the vehicle in this condition, ensure that the vehicle is secured stationary without reliance on the parking brake.

Brake system - RED



This indicator shares its position and symbol with the emergency brake assist warning light and illuminates briefly as a bulb check when the starter switch is turned on (the indicator follows a amber-red-amber sequence).

The indicator should extinguish shortly after the starter switch is turned to the second position. If the indicator does not extinguish, or illuminates whilst driving, a fault with the brake systems is indicated. Stop the vehicle gently, as soon as safety permits and seek qualified assistance before continuing.

The indicator may be accompanied by the message **CHECK BRAKE PADS** or **CHECK BRAKE FLUID**. If the message **CHECK BRAKE FLUID** is displayed, check the brake fluid level and top-up if necessary. If the indicator remains illuminated after the fluid is at the correct level, seek qualified assistance before continuing.

Emergency brake assist - AMBER



This indicator shares its position and symbol with the brake system warning indicator and illuminates briefly as a bulb check when the starter switch is turned to the second position (the indicator follows an amber-red-amber sequence).

If the indicator remains amber after starting, or illuminates whilst driving, a fault with the EBA system is indicated. Drive with care, avoiding heavy brake application, and seek qualified assistance urgently.

Anti-lock braking system - AMBER



Illuminates as a bulb check when the starter switch is turned to the second position. If the indicator remains on or illuminates whilst driving, a fault with the ABS system is indicated. Drive with care, avoiding heavy brake application, and seek qualified assistance urgently.

Airbag SRS - RED



Illuminates when the starter switch is turned to the second position and extinguishes after about 4 seconds. If the indicator illuminates at any other time, the system is faulty - seek qualified assistance urgently.

Cruise control active - GREEN



Illuminates when cruise control is operating.

Seat belt - RED



Illuminates when the starter switch is turned to the second position and extinguishes after approximately six seconds, even if the driver's or occupied front seat passenger's seat belt remains unfastened. In some markets illumination of the indicator will be accompanied by a warning chime. See **AUDIBLE WARNINGS, 106**.

Note: *In certain markets, the indicator will illuminate until the driver's or occupied front seat passenger's seat belt is fastened correctly.*

Trailer - GREEN



Illuminates as a bulb check when the starter switch is turned to the second position and extinguishes when the engine is started.

If a trailer is attached to the vehicle and the direction indicators are used, this indicator will flash in synchronisation with the direction indicator lamps. If it does not flash, this indicates that a trailer bulb is defective.

Adaptive Front lighting System (AFS) - AMBER



Illuminates when a fault occurs with the Adaptive Front Lighting System. Seek qualified assistance.

AUDIBLE WARNINGS

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

Lamps on reminder

If the exterior lamps 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.

Electronic air suspension warnings

Automatic height changes are inhibited whilst in Crawl mode, provided the vehicle does not exceed 40 km/h (25 mph). If vehicle speed exceeds 30 km/h (20 mph), a warning chime will sound. See **Crawl (locked at Access height), 190**.

Dynamic stability control (DSC) warning

If a fault with the DSC system is detected, a warning chime will sound once and the DSC warning indicator will illuminate. The vehicle may still be driven with care, but seek qualified assistance at the earliest opportunity.

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.



The starter key reminder can be enabled or disabled by a Land Rover Dealer/ Authorised Repairer.

Seat belt reminder

In some markets, a warning chime will sound (one second frequency):

- If the driver's seat belt has not been fastened when the starter switch is turned on. The chime operates in conjunction with the seat belt warning indicator and sounds for 6 seconds, or until the seat belt is fastened (whichever occurs first).

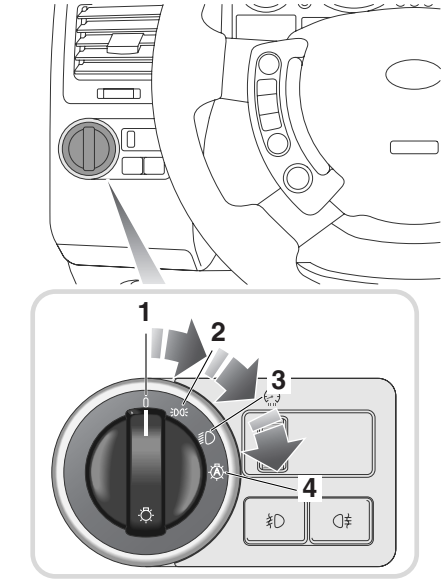
If the seat belt remains unfastened, the chime will sound at intervals of 15 seconds.

External temperature warning

If the external temperature drops to 4°C (39°F) or less, a warning chime sounds, accompanied by a warning in the message centre. Take appropriate measures to defrost the vehicle and be aware that there may be ice on the roads.

EXTERIOR LAMPS

Lamps master switch



LAN0448G

1. Side lamps and headlamps off.
2. Side lamps on.
3. Headlamps on.
4. Automatic control on.

Side lamps

The front and rear side lamps, along with licence plate lamps, illuminate when the lamps master switch is turned to positions **2** or **3**, regardless of the position of the starter switch.

Note: *A warning indicator on the instrument panel illuminates when the lamps are turned on, either manually or by automatic control.*

Automatic control lamps

With the lamps master switch in position **4** and starter switch in the second position, the side lamps, low beam headlamps and license plate lamps will illuminate automatically when the ambient light falls below a pre-defined level.

All of the lamps will go out when the ambient light rises above that level.

Parking lamps

If required, the side and tail lamps on the left or right can be left illuminated at a reduced output, when the vehicle is parked.

With the starter switch turned off, move the indicator stalk fully up (to illuminate the right hand side lamp and tail lamp) or fully down (to illuminate the left). Remove the starter key and lock the vehicle in the normal way - the lamps will remain illuminated.

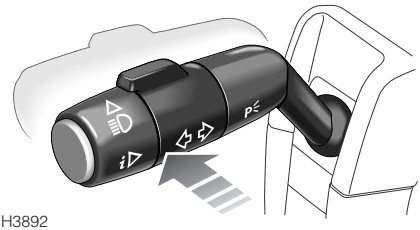
Note: *The lamps remain on with a reduced power output, to help prevent inadvertently discharging the battery.*

Daytime running lamps

In certain markets, with the lamps master switch turned off, the headlamp low beams will illuminate as soon as the starter switch is turned to the second position. The instrument panel illumination remains off.

Unless they are required or prohibited by law, daytime running lamps can be disabled/enabled by a Land Rover Dealer/Authorised Repairer.

Headlamp high and low beams



H3892

Push the lever away from the steering wheel to change headlamps to high beam (Blue warning indicator illuminates). Pull the lever back towards the steering wheel to change back to low beam headlamps.

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

Headlamp courtesy delay

The headlamps can be set to remain on for a short period after the vehicle is parked. This feature can be used to illuminate your way when you leave the vehicle.

Vehicles not fitted with automatic control lamps:

- With the headlamps illuminated, turn the starter switch off. **HEADLAMP DELAY** will appear in the message centre.
- Turn the lamp master switch to the Off position.
- Remove the starter key.

Vehicles fitted with automatic control lamps:

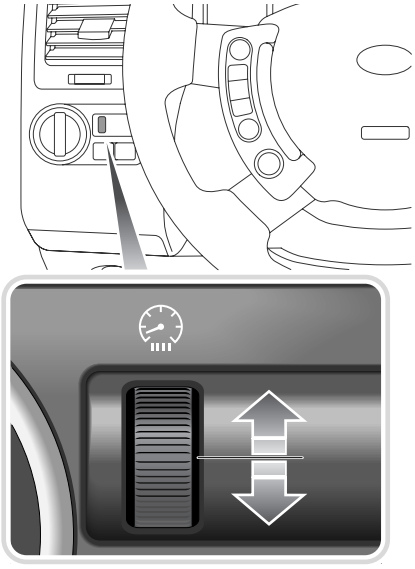
- With the lamps master switch in the off or automatic control lamps position, turn the starter switch off.
- Use the stalk control to flash the headlamps. **HEADLAMP DELAY** will appear in the message centre.
- Remove the starter key.

The headlamps and tail lamps will now remain illuminated for approximately 40 seconds after closing the driver's door, before turning off automatically.

If necessary, the courtesy delay can be cancelled at any time by turning the starter switch or rotary light switch on and then off again.

Headlamp courtesy delay can be disabled by a Land Rover Dealer/ Authorised Repairer, if required. The headlamp courtesy time delay period can also be adjusted by a Land Rover Dealer/Authorised Repairer, to suit your requirements.

Instrument illumination control



LAN0449G

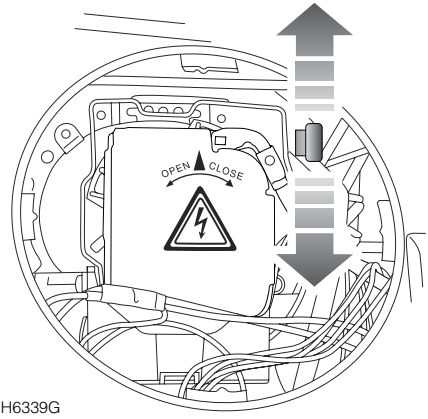
Rotate the control upwards to increase, or down to decrease, the intensity of the instrument panel illumination.

The illumination control also adjusts the intensity of all switch illumination forward of the driver.

HEADLAMP TOURING ADJUSTMENT

When touring in a country where traffic drives on the opposite side of the road to where you normally drive, use the tourist lever mechanism within each headlamp unit to alter the beam pattern. This enables the vehicle to be driven without having to stick blanking decals onto the headlamp lens.

Position of the lever illustrated will vary depending on type of headlamps and side of vehicle. It may be on either side of the headlamp bulb aperture.



H6339G

Bi-Xenon headlamp illustrated, Halogen similar.

Remove the headlamp rear access cover. See **Bulb access, 265**. Move the lever to adjust the beam.

Repeat the process for the other headlamp unit.

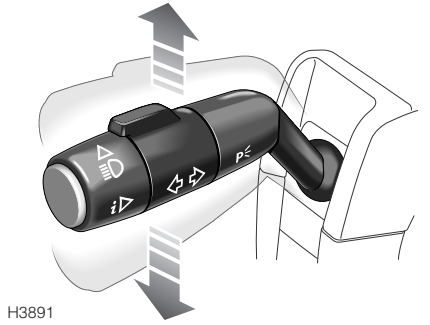
Note: *Remember to switch the headlamp beams back over when you return from your journey.*

Default lever positions

Xenon headlamps	
Right-hand headlamp	Up
Left-hand headlamp	Up

Halogen headlamps	
Right-hand headlamp	Down
Left-hand headlamp	Up

DIRECTION INDICATORS



Move the lever down to indicate a left turn, and up to indicate a right turn (the appropriate green warning indicator on the instrument panel will flash in time with the direction indicators).

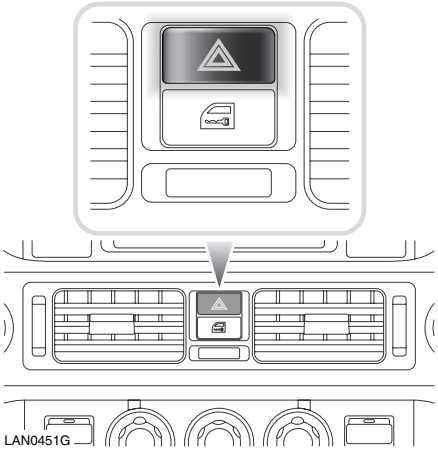
Lane change flash

Move the lever partially up or down against spring pressure, then release, to indicate a lane change. The relevant direction indicator flashes three times.

If the lever is held against spring pressure, the direction indicators will continue to operate until the lever is released.

Lane change flash can be disabled/ enabled by a Land Rover Dealer/ Authorised Repairer.

HAZARD WARNING LAMPS



Press to operate; all the direction indicator lamps (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.

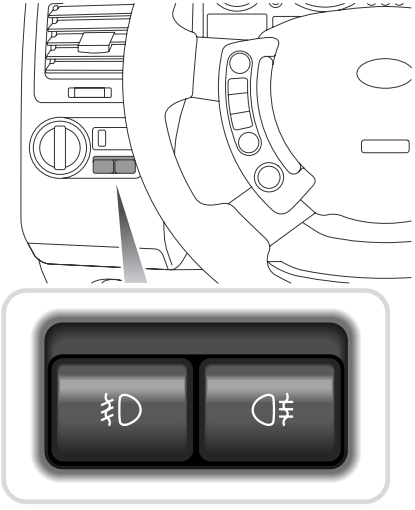
FOG LAMPS

WARNING

Fog lamps should only be used when visibility is severely restricted - as soon as conditions clear, switch off fog lamps to prevent dazzling of other road users.

Note: *If the Automatic control lamps have been selected and the ambient light falls below a pre-defined level, then the front and rear fog lamps can be activated.*

If the ambient light rises above that level, then the fog lamps will extinguish, along with the other external lamps. If the ambient light then falls below this level again, the external lamps will illuminate, but the fog lamps will need to be reselected.



LAN0450G

Front fog lamps



Press to operate, press a second time to switch off (the warning indicator in the instrument panel illuminates when the fog lamps are switched on).

The fog lamps can only be operated when the starter switch is in the second position and the side or headlamps are also switched on.

The fog lamps extinguish automatically when the side lamps or the starter switch is turned off and need to be reselected when the starter switch is turned back on.

Always remember to switch the fog lamps off as soon as visibility permits.

Rear fog lamps



Press to operate, press a second time to switch off (an indicator in the switch illuminates when the lamps are switched on). The rear fog lamps illuminate only when the starter switch is in the second position and the headlamps (or front fog lamps) are also switched on. Switching off the headlamps, or front fog lamps, or turning the starter switch off will automatically extinguish the rear fog lamps (the lamps will not illuminate again unless switched on).

Always remember to switch the fog lamps off as soon as visibility permits.

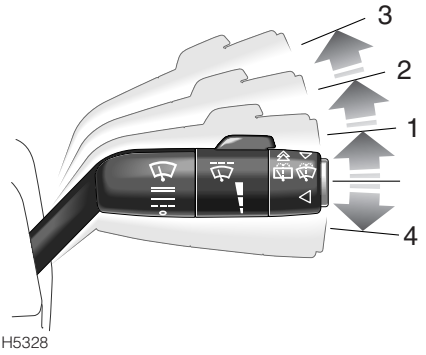
OPERATING

The wipers and washers will only operate when the starter switch is turned to the first or second position.

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, an electronic cut-out may temporarily prevent the wiper motor from operating. If this is the case, switch the wipers off, wait for 3 minutes (or turn the starter switch off and then on again) free them from the obstruction and then switch on again.*

WINDSCREEN WIPERS



Rain sensor variable delay or intermittent variable delay

Push the lever up to position 1.

Normal speed wipe

Push the lever up to position 2.

Fast speed wipe

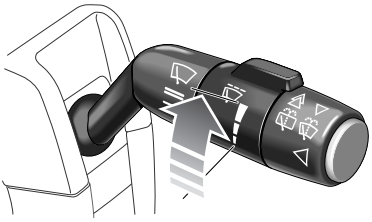
Push the lever up to position 3.

Single wipe

Pull the lever down to position 4 and release immediately.

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

Intermittent variable delay



H3895

With the lever in position 1, rotate the switch clockwise to increase and anticlockwise to decrease the frequency of the intermittent wipe.

Road speed sensor

The frequency of wiper operation is also adjusted automatically according to road speed. As the speed of the vehicle increases, the wiper frequency increases accordingly to help maintain optimum visibility. This feature is automatic and cannot be adjusted by the driver.

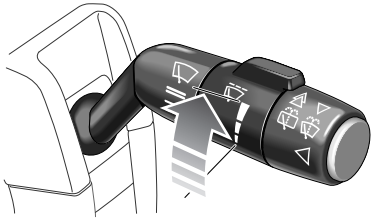
Speed sensitive wiper operation can be disabled by a Land Rover Dealer/ Authorised Repairer.

Speed step-down

On vehicles not fitted with a rain sensor, if the vehicle comes to a halt with the wipers operating, the wipe frequency automatically reduces. If the wipers are set to high speed, they will switch to normal speed, if normal speed is selected, the wipers will switch to intermittent wipe. When the vehicle starts moving again, the original speed setting is restored automatically.

Rain sensor variable delay

IMPORTANT INFORMATION
Ensure that the rain sensor mode is deselected before entering an automatic car wash - otherwise, the wipers will operate during the car wash program and be damaged.

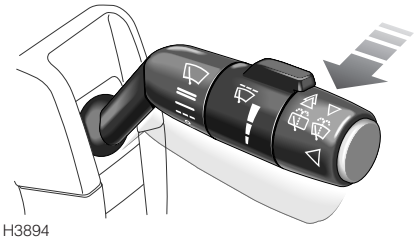


H3895

Your vehicle is equipped with an optical rain sensor fitted to the inside of the windscreen, immediately to the front of the rear view mirror. The sensor is able to detect varying amounts of dirt or water on the outside of the screen. With the wiper switch in the first position, the variable delay adjusts automatically according to the information supplied by the rain sensor, to increase or decrease the frequency of wiper operation. You can increase or decrease the sensitivity of the rain sensor and therefore the frequency of wiper operation, by rotating the control - either clockwise to increase or anticlockwise to decrease sensitivity.

If the sensor detects constant rain, the wipers automatically operate continuously at normal speed wipe.

WINDSCREEN WASHER



H3894

Pull the lever towards the steering wheel (for at least 0.5 seconds). 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 3 wipes after the lever is released.



H4056

This feature can also be activated by pressing the button on the end of the lever.

HEADLAMP POWER WASH

If the headlamps are on, and there is sufficient liquid in the washer reservoir, operating the screen washer will also power-wash the headlamps.

The headlamp power wash will operate on every fifth operation of the screen washer, provided the headlamps are still switched on and 10 minutes have elapsed since the headlamp wash.

Switching the headlamps off and back on again will reset the cycle.

Note: *If the fluid level sensor in the screen washer reservoir detects a low level, the headlamp power wash is inhibited.*

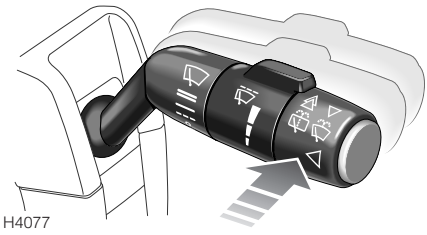
Heated washer jets

If the ambient temperature falls to a point where icing of the washer jets could occur, power is applied to heat the jets provided that the starter switch is in the second position.

An approved screenwash is necessary to prevent freezing in very cold weather. See **LUBRICANTS AND FLUIDS, 279**.

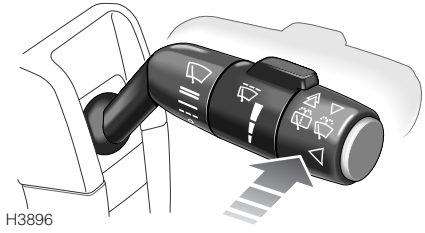
REAR WINDOW WIPER AND WASHER

Rear window wash/wipe


H4077

Push the lever forward to the first position, then forward again and hold against spring pressure 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.

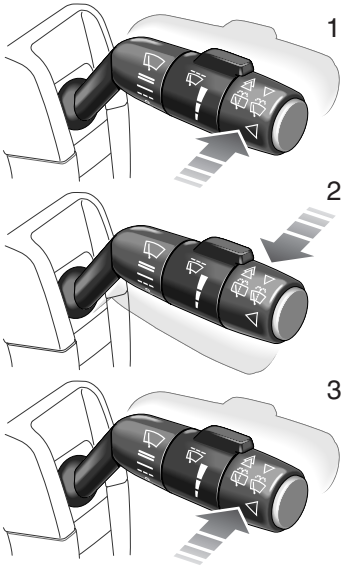
Rear window wiper - intermittent operation


H3896

Push the lever forward to the first position to operate, the wiper operates intermittently until switched off.

Note: *If the rear wiper is switched on, whenever reverse gear is selected, it will operate continuously rather than intermittently.*

Rear window wiper - variable delay operation

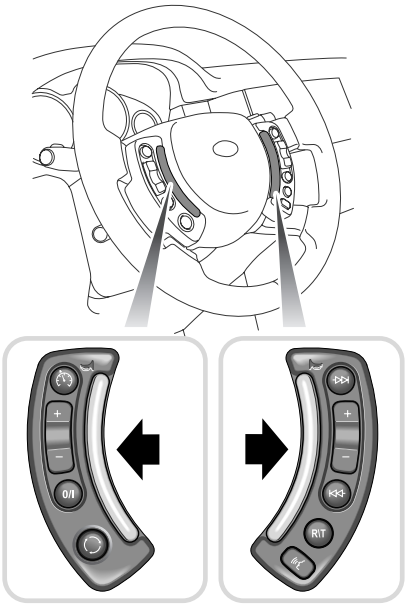


H4812

To set the variable wiper delay:

1. Push the lever forward to operate the rear wiper.
2. Immediately pull the lever back and wait for the desired delay period.
3. Push the lever forward again. The delay period is now set and the wiper will operate accordingly.

HORN



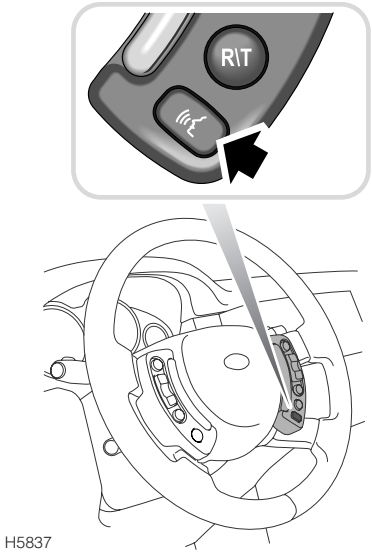
H4083

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

Notepad

USING NOTEPAD

Notepad is a feature for recording short messages as memory aids or reminders.



H5837

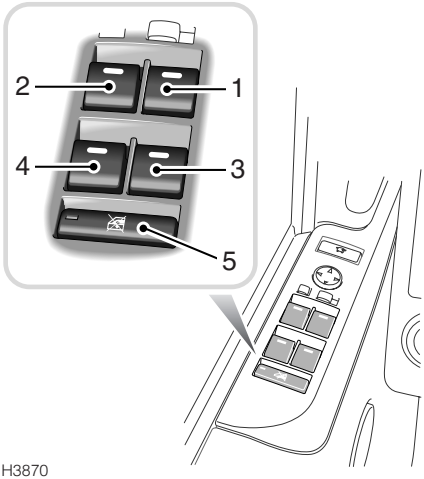
You can record up to 10 notes for up to 30 seconds each in length. Press and hold the voice button shown in the illustration until **LISTENING** appears in the message centre, then give the relevant command (see table below).

The voice recording will automatically be stopped if the note is longer than 30 seconds.

To stop voice recording at any time, press the voice button again.

COMMAND	SYSTEM RESPONSE	ACTION
Record note or **Notepad record**.	The system gives a beep to indicate the start of recording.	You may start your recording after the beep. To stop recording, press the steering wheel voice button
Play notepad or **Read notepad**.	Notepad audio will read out each note in turn. You can say **Replay**, **Delete** or **Cancel** after each beep, or remain silent to hear the next note.	Saying **Replay** will replay the previous message. Saying **Delete** will delete the previous message. Saying **Cancel** will end the notepad session.
Clear notepad or **Notepad delete**.	Do you want to clear the notepad?	Say **Yes** to delete all stored notes. Say **No** to cancel the command.
Notepad help.	The system will read out Notepad information and all the commonly used commands.	

ELECTRIC WINDOWS



H3870

The switches on the driver's door 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. The rear window switches will not operate if the isolation switch has been activated.*

Operating the windows

The electric windows can be operated when the starter switch is in the first or second position and for up to 16 minutes after the starter switch is turned off (provided a front door is not opened).

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

WARNING

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 that 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.

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

It is recommended that the starter key be removed when leaving the vehicle.

One-touch operation

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

To close the window at a single touch, firmly lift and release the top of a switch. Window movement can be stopped at any time by briefly lifting the top of the switch.

To stop window movement during a one-touch open or close operation, operate the switch in the opposite direction to which the window is travelling.

Rear window isolation switch

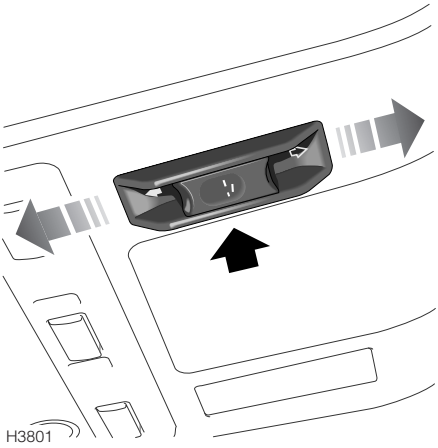
Press once to isolate the window switches in the rear doors (the indicator light in the switch illuminates), press a second time to restore independent control.

Anti-trap mechanism

If the anti-trap sensor detects an obstruction during window closing, the closing operation is interrupted and the window backs off. This is a safety feature designed to prevent inadvertent closing of a window on vulnerable parts of the body or other obstructions. Remove any obstruction and then close the window.

If, for any reason it is required to override the anti-trap mechanism, lift and hold the relevant window switch until the window has closed.

SUNROOF OPERATION



The electric sunroof can be operated when the starter switch is in the first or second position and for up to 16 minutes after the starter switch is turned off (provided a front door is not opened).

- **To tilt the roof:** Press the centre part of the switch - the rear edge of the roof automatically rises to the fully tilted position.
- **To open the roof:** Push the switch rearwards to the first position, the sunroof slides open until the switch is released - push the switch rearwards to the second position and release, to fully open the roof in one go.
- **To close the roof:** With the roof open or tilted, push the switch forwards to the first position - the roof closes until the switch is released.

  To fully close the roof in one go, push the switch forwards to the second position and release.

Anti-trap mechanism

If the roof encounters resistance during closing, the closing operation is interrupted and the roof opens slightly. This is a safety feature designed to prevent inadvertent closing of the roof on vulnerable parts of the body or other obstructions. Remove any obstruction and then close the roof.

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 that children are kept clear and that 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.

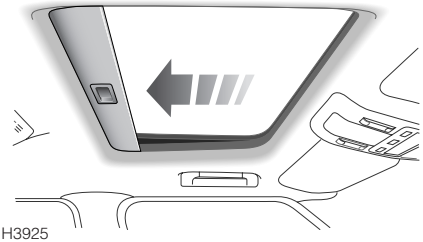
Never leave children alone in the vehicle as this could result in serious injury or death.

It is recommended that the starter key be removed when leaving the vehicle.

Driving with the sunroof open

If, when driving with the sunroof open, unwanted drafts are experienced, open the front facia air vents, and increase the blower speed if necessary. Do not operate the air conditioning.

Sunroof blind



Pull the sunroof blind across the sunroof aperture to open and close.

Note: *The sunroof blind can be opened and closed manually, but will retract automatically when the sunroof is opened, and will open slightly if the roof is tilted.*

Caution: It is not possible to fully close the sunroof blind with the sunroof in the tilt position. Attempts to close the blind may damage the sunroof mechanism.

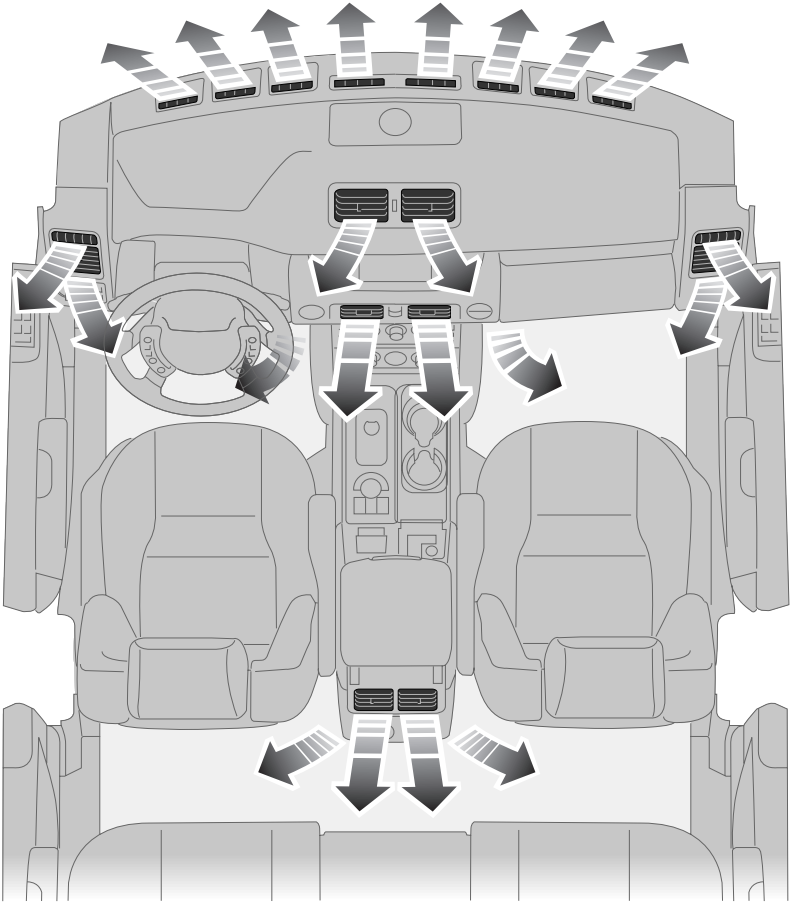
Operation after power supply interruption

If the vehicle power supply is interrupted, the sunroof will need to be recalibrated as follows:

- With the power supply reconnected, fully tilt the sunroof open.
- Continue to push the switch in the tilt position for approximately 20 seconds.

The sunroof can now be operated as normal.

VENTILATION



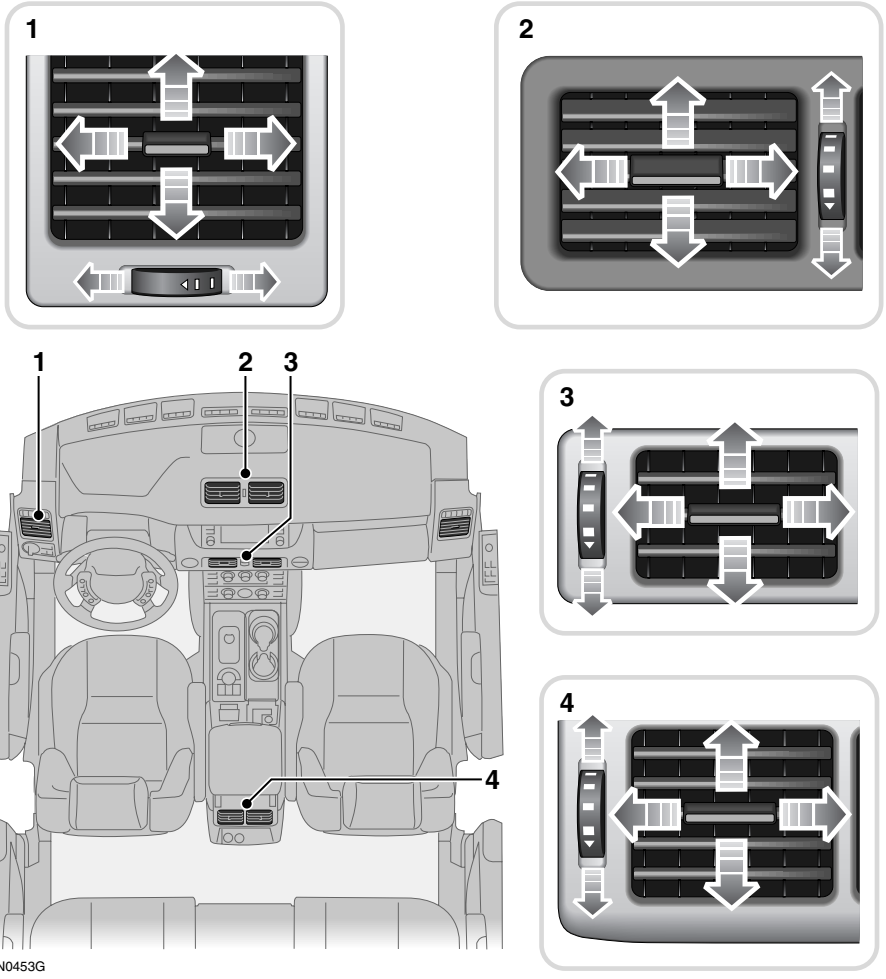
LAN0452G

The ventilation system provides fresh or heated air to the interior of the vehicle from the air intake grille in front of the windscreen.

Note: *Always keep the air intake grille clear of obstructions such as leaves, snow or ice.*

Air outlets are provided to the windscreen, face and feet - the location of those vents is shown in the illustration above. The temperature of the air supplied to the vents is controlled by the heater.

Air vents

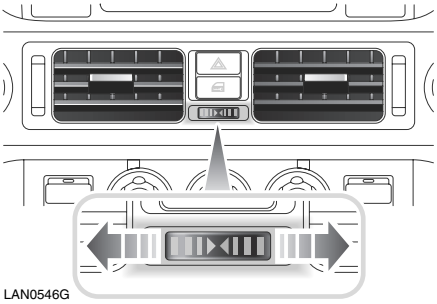


The temperature of the air from all vents is controlled by the temperature settings of the heater.

On the side vents (1), rotate the thumbwheel to the right to fully open, or to the left to fully close the vents.

On the centre vents (2 and 3) and rear vents (4), rotate the thumbwheel upwards to open, or downwards to close. Direct the air flow 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.

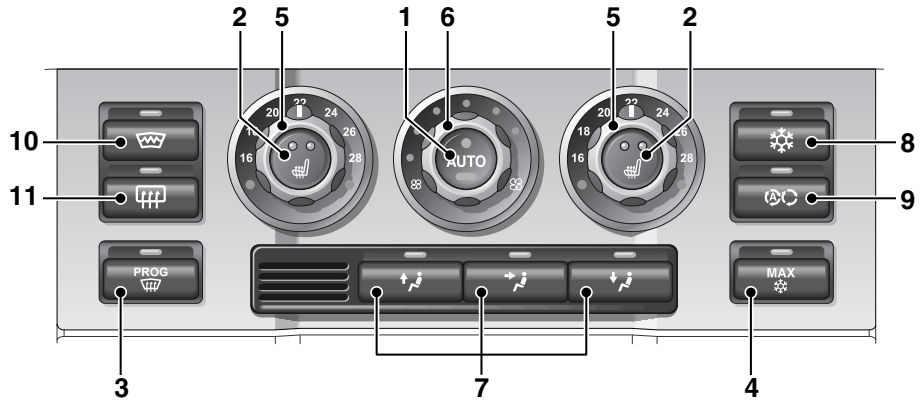
Face level vent temperature control



LAN0546G

When the air distribution control is set to either Auto, Face or Foot outlets, the temperature of the air emitted through the upper and lower centre vents and the driver's side face level vent, can be finely adjusted to differentiate between foot and face temperature. Rotate the thumbwheel (1), towards the left (red markings) for warm air and to the right (blue markings) for cooler air.

CLIMATE CONTROL SYSTEM



LAN0454G

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.

1. Auto mode

In Auto mode, air conditioning, air distribution, blower speeds and air recirculation are adjusted automatically to achieve and then maintain the desired driving environment.

- Press **AUTO** (1) for fully automatic operation (both indicator lights in the switch illuminate).
- Rotate the temperature controls (5) to select the required temperature.
- Let the automatic temperature control system do the rest.

Both the air distribution and blower controls can be operated independently to override the automatic setting. In this case, the appropriate indicator in the **AUTO** switch extinguishes (the circular indicator represents the blower, the rectangular indicator represents air distribution). Press **AUTO** again to re-establish automatic operation.

For improved initial heater warm-up, ensure the face level vent temperature control thumbwheel is rotated fully to the left (red markings).

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.*

2. Front seat heaters



Press once to operate at a high level, press twice to heat the seats at a lower level. For further information concerning the operation of both front and rear seat heaters, see **SEAT HEATERS, 134**. For further information concerning the operation of front climatic seats, see **CLIMATIC SEATS, 135**.

3. Defrost mode



If the windscreen is misting or covered in ice, press to activate the automatic defrost programme; the system will immediately direct its output to achieve maximum screen clearing by:

- Setting the blower speed and temperature to maximum.
- Distributing air flow to the screen only.
- Deactivating the rear blower.
- Deactivating air recirculation.

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

Press the button a second time (or select **AUTO** or any air distribution control) to leave the Defrost mode.

4. Maximum air conditioning



This mode automatically activates the air conditioning and air recirculation, and sets the blower speed at maximum and the air distribution to the face level vents. This mode overrides the current temperature settings.

Note: **4. Residual heating**



After driving, it is possible to provide heat to the cabin by using residual heat from the engine - with the engine turned off. By pressing the **MAX** button, continued heating is available for up to 15 minutes.

If you wish to heat the cabin prior to entering the vehicle, use the timed climate control facility. See **TIMED CLIMATE CONTROL, 130**.

5. Temperature controls

Rotate the controls 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.

The temperatures on the control surrounds are relative, target, temperatures only and are not reflective of any specific temperature measured within the vehicle interior.

For improved initial heater warm-up, ensure the face level vent temperature control thumbwheel is rotated fully to the left (red markings).

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.*

6. Blower control

Rotate clockwise to increase and anticlockwise to decrease airflow from the vents.

7. Air distribution control

Press the appropriate button to select the desired distribution setting:


Foot level vents


Face level vents


Windscreen and side window vents

More than one setting can be selected at once, to get the desired distribution.

8. Air conditioning control



With the engine running, press the button to manually activate the air conditioning, or to switch off the air conditioning if it has been previously selected (manually or automatically).

9. Air recirculation



Air recirculation prohibits 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.

Note: *On some vehicles, there is also a remote air recirculation button on the steering wheel. This button is a simple on/off button and does not incorporate the automatic recirculation feature. See* ***REMOTE AIR RECIRCULATION, 135****.*

Press the button once to activate automatic recirculation. This feature automatically activates air recirculation when sensors fitted to the vehicle detect high levels of air pollution, therefore preventing the ingress of fumes into the vehicle (in a traffic queue, for example).

Press the button a second time to activate air recirculation.

Press the button a third time to deactivate air recirculation.

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

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

10. Heated front screen



Press to operate, the indicator in the switch will illuminate whenever the screen heater is on.

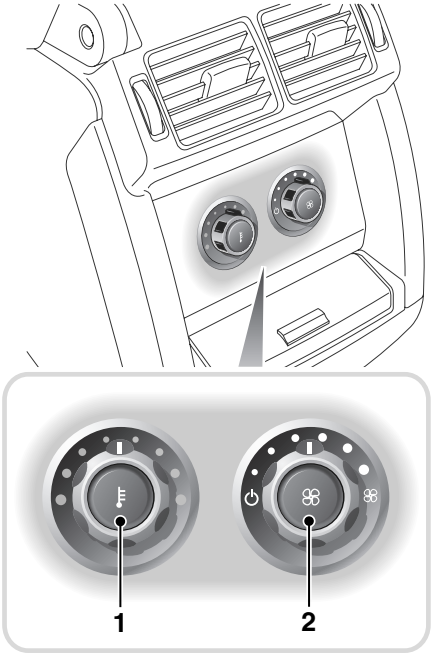
11. Heated rear screen



Press to operate; the indicator in the switch illuminates whenever the screen heater is on.

Caution: Do not stick labels over the heating elements on the rear screen, and do not scrape or use abrasive materials to clean the inside of the rear screen.

REAR CONTROLS



LAN0548G

1. Temperature control
   Rotate clockwise to increase and anticlockwise to decrease the temperature of airflow from the rear vents.
2. Blower control
   Turn clockwise from the **0** (off) position to progressively increase airflow from the rear vents.

Note: *The temperature set by the front occupants, restricts the maximum level of warm air a rear passenger can select.*

Rear control isolation switch



LAN0547G

Press the isolation switch, located in the centre console, to prevent operation of the rear climate controls.

The switch indicator illuminates when the rear controls are active and extinguishes when the controls are isolated.

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.

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.

Maximum heating

Set the temperature control to maximum and the air conditioning air distribution control to **AUTO**, 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. Set the centre face ventilation temperature control fully to the left (red markings).

Demisting/defrosting

Switch on the air conditioning and the windscreen heaters, then set the temperature and blower controls to maximum. Set the air conditioning air distribution control to windscreen and side window vents, to obtain the maximum flow of heated air from the windscreen and side window vents. When defrosting, switching on air recirculation will help, but remember to switch off air recirculation as soon as defrosting has completed, to avoid windscreen misting.

Maximum ventilation

Set the temperature control to your preferred interior temperature. Switch on the air conditioning and select air recirculation. Set the air distribution control to face level vents. Ensure the face level vents are open and set the centre face vent temperature control fully towards the blue indicator. Adjust the blower speed to maximum.

Opening a window or the sunroof may improve ventilation. Remember; do not open a window or the sunroof, if the air conditioning is operating.

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.

TIMED CLIMATE CONTROL

The timed climate system provides a way of obtaining a more comfortable temperature in the passenger compartment at a pre-set time. If the external temperature is 16°C (60°F) or lower, then the passenger compartment is heated using the engine's auxiliary heater. If the temperature is greater than 16°C (60°F), then the cabin is ventilated by blowing in air from outside the vehicle. The timed climate system operates without the engine running.

The touch-screen can be used to operate the system manually and to program pre-set activation times. Alternatively, the system can be activated by use of the remote control.

The system will automatically shut down after 30 minutes. The system also protects the vehicle by not operating if the low fuel warning indicator is illuminated or if the vehicle's battery charge state is low.

You can set the timed climate to come on once or twice during any 24-hour period. If the vehicle is driven every day, then this pattern will be repeated every day until cancelled. If the vehicle is not driven, then the function will be suspended.

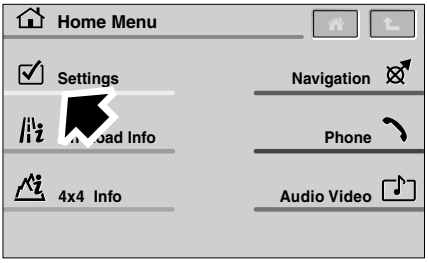
Setting a pre-set timed climate



ICE1720 ENG

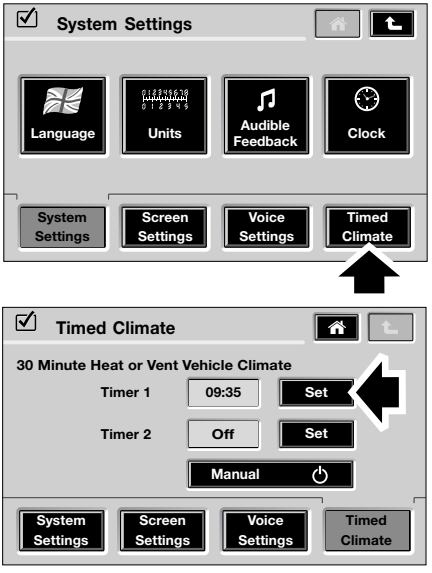
Navigate to the screen settings, by pressing the screen settings hard key.

Note: *The term soft key refers to buttons on the touch screen. All other buttons are hard keys.*



ICE1721 ENG

Press the **Settings** soft key.

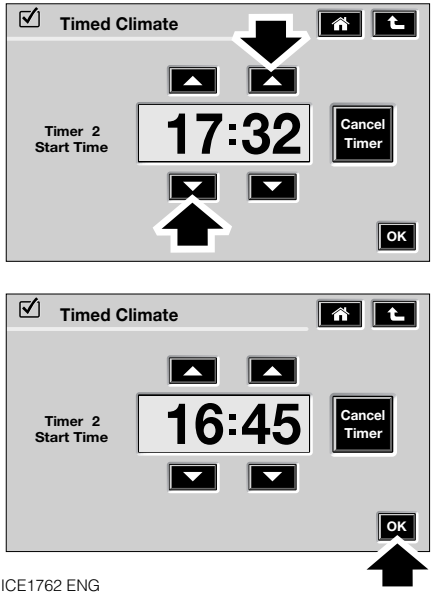


H6673R

Press the **Timed Climate** soft key.

Note: *If the starter switch is not turned on within 24 hours, the timed climate function will be suspended. The function will resume when the starter switch is next turned on. This is to protect the vehicle battery.*

Press the Timer 1 **Set** soft key.

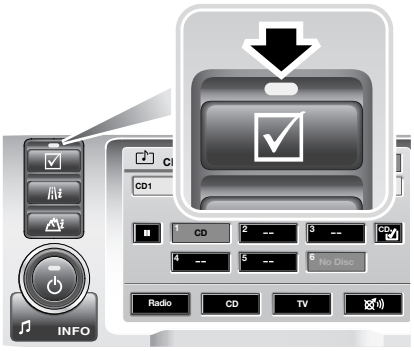


ICE1762 ENG

Scroll up/down to select the time you want the timed climate to start then press **OK**.

If required, press the Timer 2 **Set** soft key and use the same process to select the time you want the second timed climate to begin.

Note: *The time displays in 12/24 hour clock format, depending on what has been selected in the system settings menu. See* ***CLOCK, 138****.*



ICE1968 ENG

The timed climate LED illuminates to indicate one or both pre-sets have been set.

Note: *When the starter key is removed and you exit the vehicle, the timed climate LED remains illuminated for up to 2 minutes while the system powers down.*

Pre-set timed climate operation

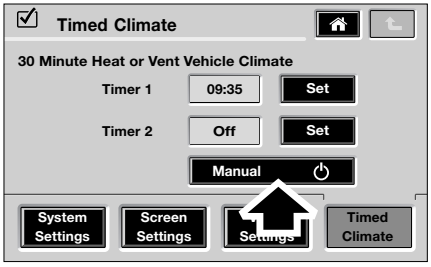
When a pre-set time is reached, the timed climate operation begins and adjusts the temperature in the passenger compartment up or down to more comfortable temperature, based on the exterior ambient temperature. This will operate for 30 minutes before switching off.

During this period the timed climate LED will flash on and off to indicate it is operating.

During this period, exhaust fumes from the heater may be seen coming from under the bonnet. This is normal and no cause for concern.

Note: *If the starter switch is turned on during the 30 minute operation time, the timed climate operation is switched off.*

Manual operation



ICE1760 ENG

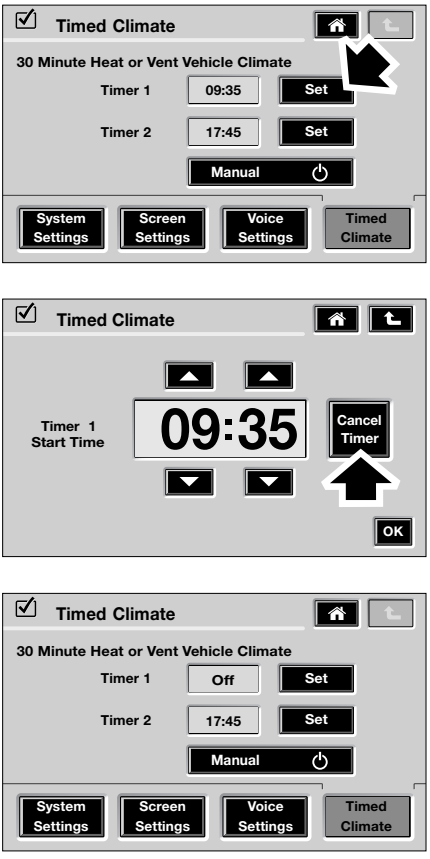
It is possible to manually select or deselect the auxiliary heating or ventilation at any time, by pressing the **Manual** on/off soft key. The system will automatically operate the heater if the external ambient temperature is 16°C (60°F) or lower. If higher than 16°C (60°F), then ventilation will be selected.

WARNING

Petroleum gases are highly inflammable and, in confined spaces are also extremely explosive.

Always ensure that the fuel burning heater is not operating when refuelling the vehicle.

Cancelling a timed climate pre-set



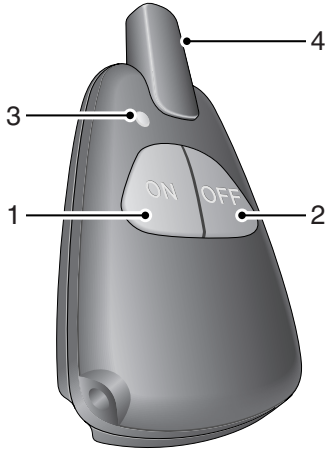
ICE2358 ENG

To cancel a timed climate pre-set, press the **Set** soft key for the timer you want to cancel, then press **Cancel Timer**. The display updates to **Off**.

The timed climate LED will be extinguished when both timer pre-sets are cancelled.

Using the remote control

The remote control has a range of approximately 100 m (328 ft) and, for optimum performance, should be held vertically when operated. There is no need to point the antenna at the vehicle. Avoid touching the antenna when operating the **ON** or **OFF** button.



H4983

1. **ON** button
2. **OFF** button
3. Operation indicator LED
4. Antenna

Press the **ON** button (1) for one to three seconds. The indicator LED (3) will illuminate for 3 seconds to confirm that an automatic heating program has been initiated. If the system fails to start, the indicator LED rapidly flashes 3 times then extinguishes. When the system is running, the timed climate LED flashes for a short period to indicate the system's operation.

The heating program continues to operate until the **OFF** button (2) is pressed. After 30 minutes, if the heating program has not been switched off using the remote control, it will be switched off automatically to prevent the vehicle battery from discharging.

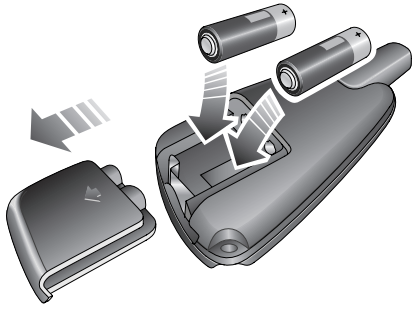
WARNING

Petroleum gases are highly inflammable and, in confined spaces are also extremely explosive.

Always ensure that the fuel burning heater IS NOT operational when refuelling the vehicle.

Note: *The distance at which the remote control can operate the heater can be considerably more than 100 m (328 ft) provided that there are no obstacles, such as buildings, between the antenna and the vehicle.*

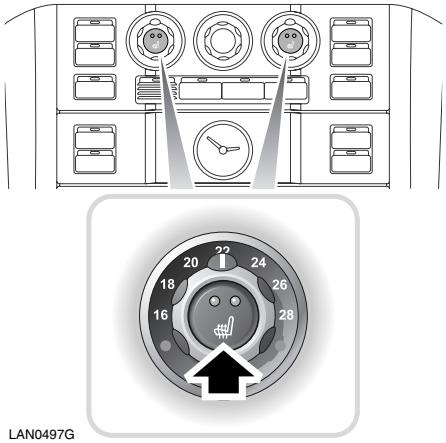
Replacing the remote control batteries



H4982

With the back of the remote control facing upwards, slide the battery cover back to reveal the battery compartment. Remove the old batteries and, ensuring that the correct polarity is maintained, insert two replacement 12 volt, size MN batteries.

SEAT HEATERS



LAN0497G

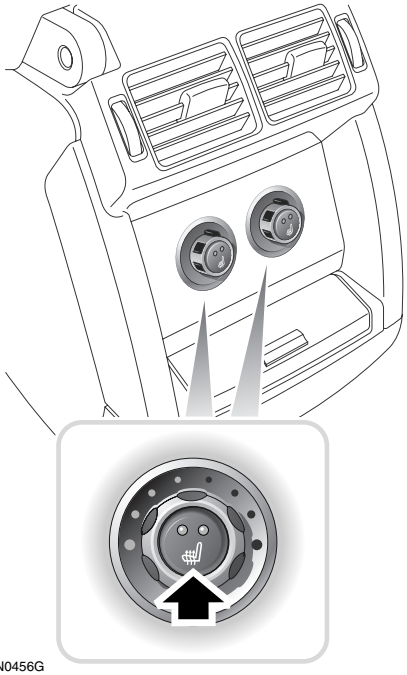
Front seat heaters

With the starter switch turned on, the seat cushion and seat back can be heated at two different levels:

- Press once to operate at a high level (both indicators illuminate).
- Press twice to heat the seats at a lower level (right hand indicator extinguishes).
- Press the switch a third time to turn off the heater manually (both indicators will extinguish).

The seat heaters are thermostatically controlled and will operate intermittently to maintain a predetermined temperature. The indicators in the switches will remain illuminated until the heaters are either manually turned off, or the starter switch is turned off.

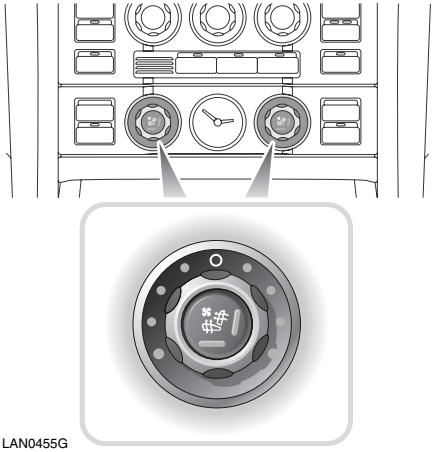
Caution: The seat heaters consume considerable power from the battery. For this reason, they should only be operated while the engine is running.



LAN0456G

Rear seat heaters

CLIMATIC SEATS



LAN0455G

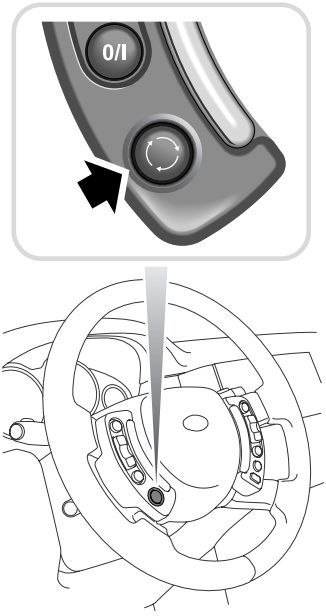
With the starter switch turned on, the seat back, or seat back and seat cushion of the front seats can be ventilated as follows:

- Press the relevant switch once to ventilate both the seat back and seat cushion (both indicators in the switch illuminate).
- Press twice to ventilate just the seat back (right hand indicator extinguishes).
- Rotate the control from the **0** (off) position clockwise, to progressively increase the temperature of the ventilating air (red indicators around the control illuminate). Rotate the control anticlockwise to ventilate the seats with progressively cooler air (blue indicators illuminate).

The indicators in the switches will remain illuminated until the heaters are either manually turned off, or the starter switch is turned off.

Caution: Climatic seats consume considerable power from the battery. For this reason, they should only be operated while the engine is running.

REMOTE AIR RECIRCULATION

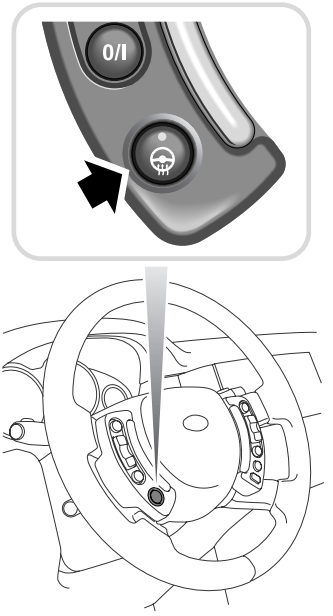


H4087

Press to turn air recirculation on or off. The indicator light in the main recirculation control will illuminate when air recirculation is active.

Note: *On vehicles not fitted with remote air recirculation or a heated steering wheel, no button is fitted in this position.*

HEATED STEERING WHEEL

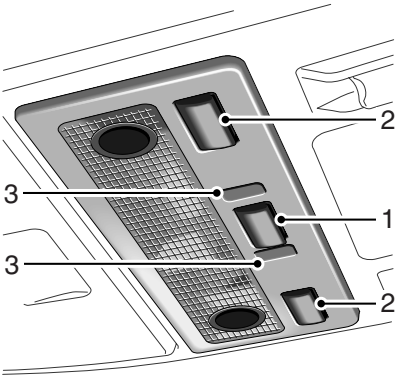


H4086

Press to activate the steering wheel heating elements. The heating elements are thermostatically controlled and operate as necessary (when switched on), to maintain a comfortable temperature. Press the switch again to manually deactivate the heater.

Note: *On vehicles not fitted with remote air recirculation or a heated steering wheel, no button is fitted in this position.*

INTERIOR COURTESY LAMPS AND MAP LAMPS



Front interior lamp and map lamps illustrated

The interior lamp illuminates automatically whenever the vehicle is unlocked, when the starter switch is turned off (provided the side lamps have been on in the last 30 seconds), or when a door or taildoor is opened. The lamp remains illuminated for 20 seconds after the doors and taildoor are closed, or until the starter switch is turned on.

After driving, the interior lamps will fade and then extinguish as soon as the vehicle is locked or when all the doors and tailgate are closed.

Note: *If a door is left open the lamps will automatically extinguish after 16 minutes, to prevent battery drain.*

To turn the lamp on and off manually, briefly press switch (1).

To turn off the automatic illumination feature (i.e. when a door is opened), press and hold switch (1) for three seconds. Repeat to restore the automatic illumination feature.

Vehicle finder

When returning to your vehicle, if you press the lock button on the remote control, the interior lamps will come on for eight seconds to assist you in locating your vehicle in a busy car park.

Map lamp operation

Press the relevant map lamp switch (2) to turn on and off. If a map lamp is left on, it will extinguish after 16 minutes to prevent battery drain.

LOW LEVEL NIGHT TIME ILLUMINATION

With the lamp master switch turned to side lamps or headlamps, the interior lamps provide very low level illumination using the LEDs (3), in conjunction with the optional door bin and door handle lamps. The level of illumination can be adjusted using the instrument illumination dimmer switch. See **Instrument illumination control, 109**.

Low level lighting provides very limited illumination for the interior of the vehicle, whilst the vehicle is being driven, without affecting the driver's night vision.

GLOVE BOX LAMP

Illuminates automatically whenever the lower glove box is opened and extinguishes when the glove box is closed. If the glove box is left open, the lamp will extinguish automatically after 16 minutes, to prevent battery drain.

PUDDLE LAMPS/APPROACH LAMPS

A lamp, mounted in the bottom of each of the exterior mirror housings, illuminates for 20 seconds when the vehicle is unlocked. These lamps illuminate the approach to the vehicle.

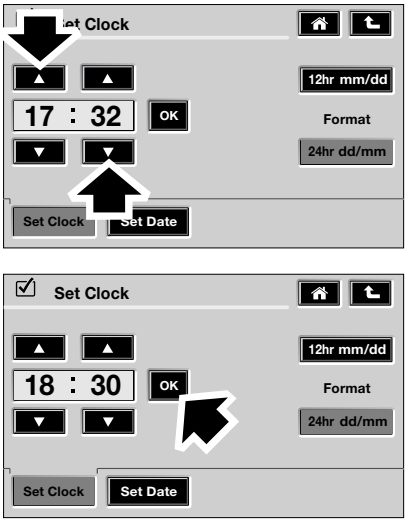
CLOCK

Setting the time



H5808G

To set the time, firstly access the system settings menu on the display and then select the clock icon on the touch screen.





LAN0457G

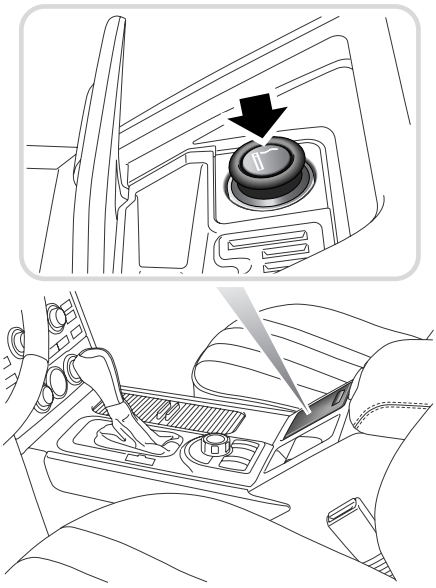
Scroll up or down to select the correct time then press **OK**.

Using the clock

The analogue clock display illuminates constantly and dims automatically for night time viewing, when the side lamps are illuminated. The dimming level can be adjusted using the instrument panel illumination control. See **Instrument illumination control, 109**.

Note: *To change between 24/12 hour clock display for non-analogue clock displays (e.g. for the timed heater), select the appropriate button on the right of the display.*

CIGAR LIGHTER



LAN0458G

To access the cigar lighter, press the upper edge of the ashtray cover to open. With the starter switch turned on, press the lighter in (arrowed) 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.

Note: *The cigar lighter socket remains powered with the starter switch turned off. Battery drain could occur if accessories are left plugged in when leaving the vehicle parked.*

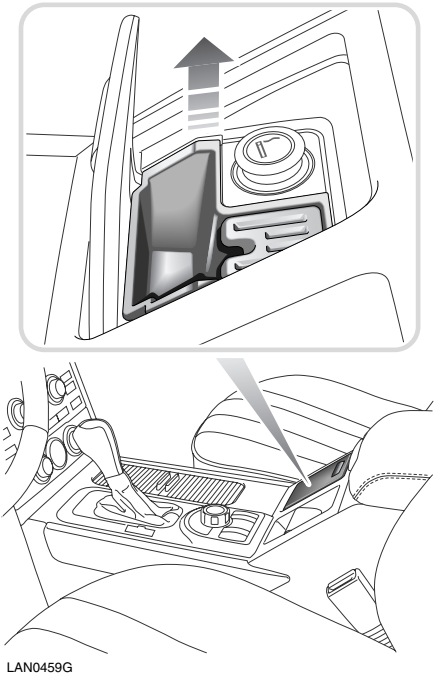
ASHTRAYS

WARNING

Do not use the ashtrays for disposing of waste paper or other combustible items.

Front

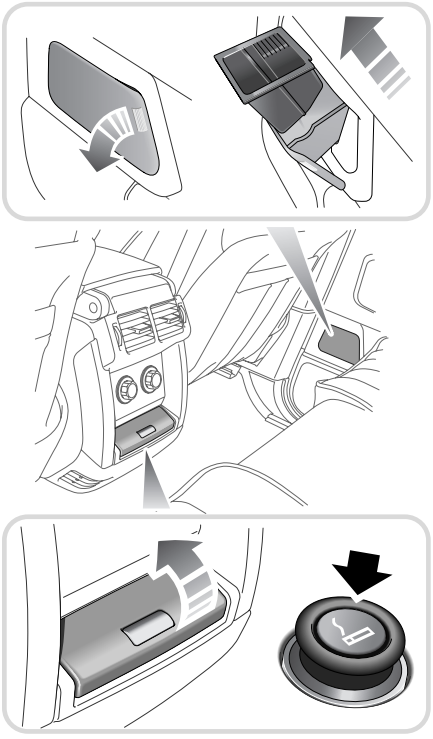
To open the ashtray, press upper edge of the cover.



LAN0459G

To remove for emptying or cleaning, lift the ashtray upwards.

Rear

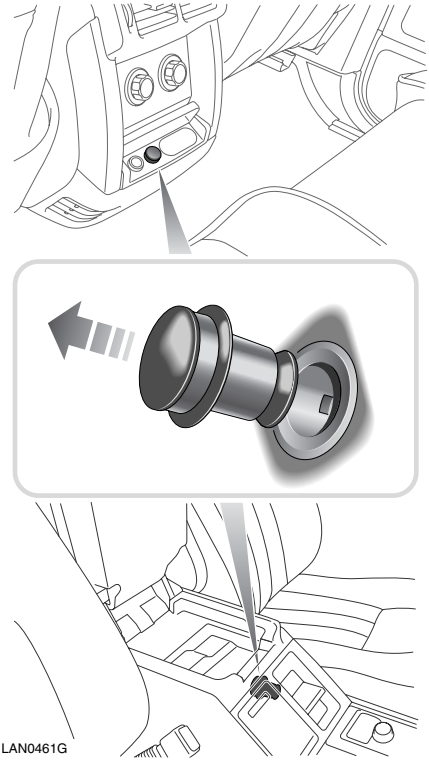


LAN0460G

The rear ashtrays are set into the rear doors - pull where arrowed to open. To remove for emptying, open the ashtray and pull the inner compartment upwards.

The rear cigar lighter is incorporated in the rear of the cubby box, between the front seats. To access the lighter, press the rearward edge of the cover. Operation of the rear cigar lighter is the same as that in the front.

AUXILIARY POWER SOCKETS



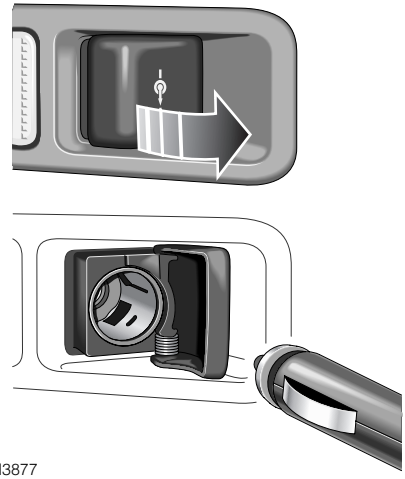
LAN0461G

Passenger compartment power sockets

An auxiliary power socket is mounted in the cubby box, between the front seats.

A second auxiliary power socket is located to the rear of the cubby box, adjacent to the rear cigar lighter. Press the rearward edge of the cover to access the socket.

Note: *Before attempting to use an auxiliary power socket, remove the protective plug, as shown.*



H3877

Rear loadspace power socket

A third power socket is located on the right-hand side of the rear loadspace area.

Using a power socket

The power sockets 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.

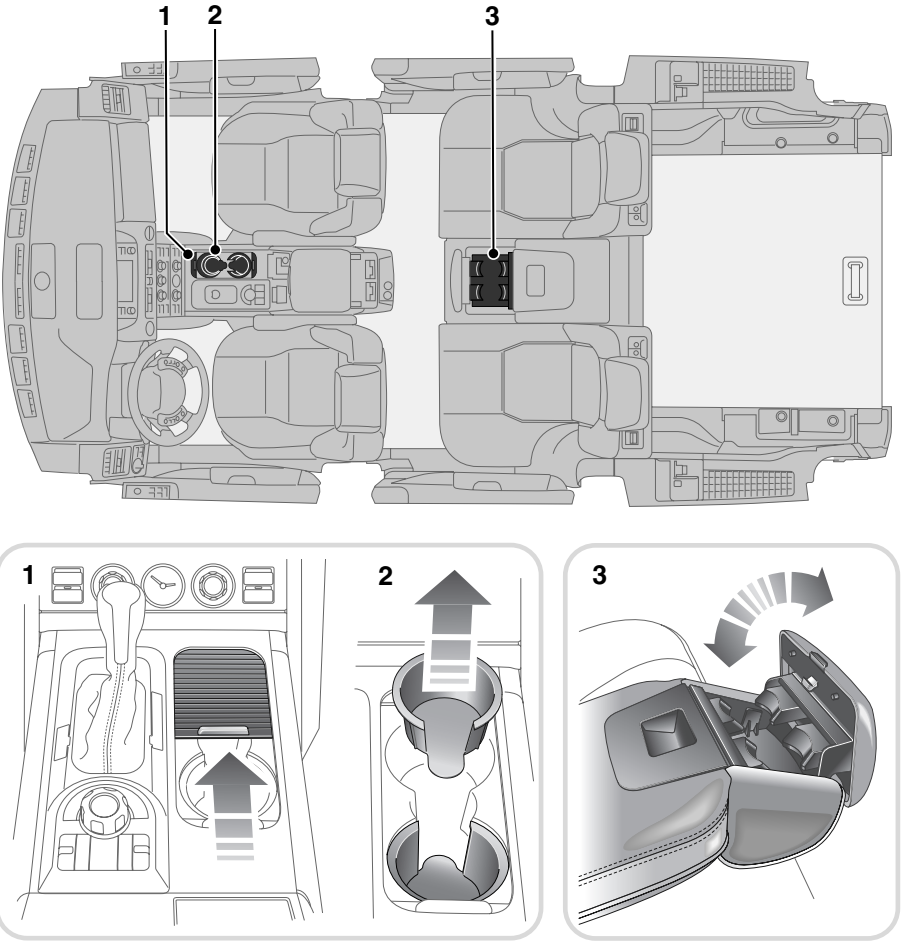
When not in use, always refit the power socket protective plug, to prevent dirt or dust from entering the socket.

Note: *Auxiliary power sockets remain live with the starter switch turned off. Battery drain resulting in failure to start the engine may occur if accessories remain plugged in whilst the engine is switched off.*

Caution: Never plug non-approved accessories into a power socket - damage to the vehicle's electrical systems could occur.

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

CUP HOLDERS



LAN0462G

Front

1. Open the roller covers to access the front cup holders.
2. Lift out the inner sleeve of the cup holder, to accommodate larger cups.

Rear

3. With the armrest folded down, depress the release catch and fold out the double cup holder (mounted in the back of the centre seat headrest).

WARNING

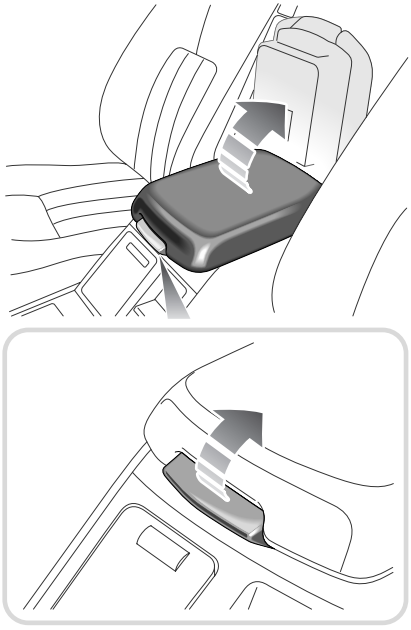
The driver should not drink or use the cup holder whilst driving.

Do not place anything other than suitable drinks containers in the cup holder. Such items may be thrown about in the compartment in the event of an accident or emergency manoeuvre, which may cause injuries to the occupants.

Do not carry open-top drink containers in the cup holders while the vehicle is in motion; a spilled hot drink could cause personal injury, and may damage upholstery, carpeting and electrical components.

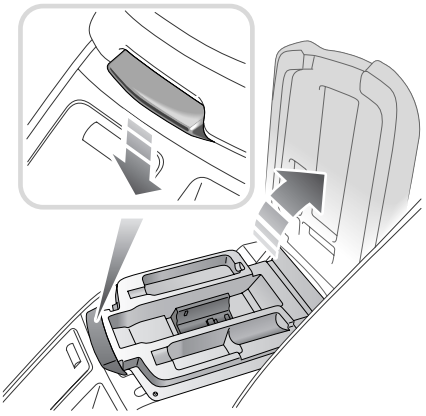
Use only for soft drinks containers. Do not use to hold cups made of glass, china or hard plastic, as these may cause injury in the event of an accident or emergency manoeuvre. Unopened, sealed containers (drinks cans, for example) are hard objects and may also cause injury.

CUBBY BOX



LAN0549G

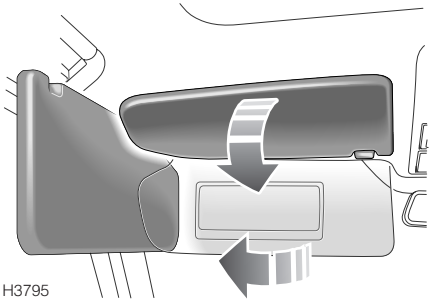
Lift the catch at the front of the cubby box lid to access the main cubby box.



LAN0550G

Press down on the catch and lift up the main lid of the cubby box to access the trinket tray and integral phone compartment.

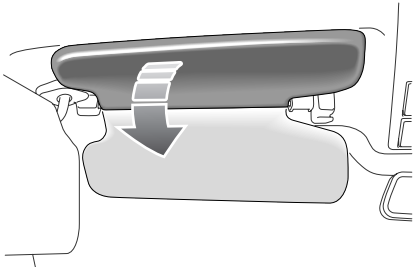
SUN VISOR



H3795

Pivot the sun visor downward to reduce sun glare through the front windscreen. If required, the visor can then be pivoted towards the side window to reduce sun glare from that side of the vehicle.

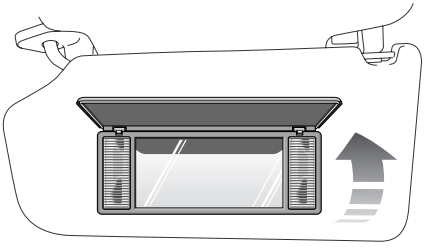
Double-blade sun visor



H3796

If the double-blade option is fitted, a secondary sun visor is located behind the main visor and can be used as required.

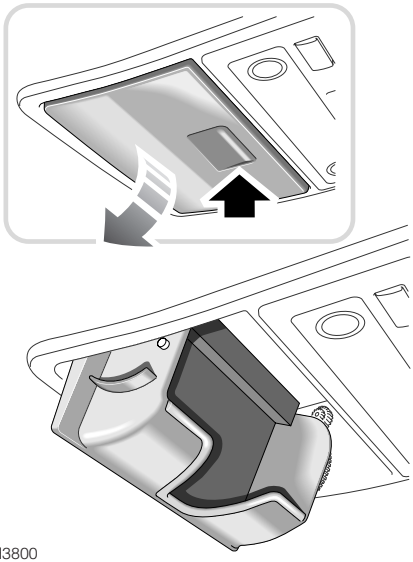
SUN VISOR VANITY MIRROR ILLUMINATION



H3797

Pivot the sun visor downward and raise the cover on the vanity mirror to illuminate the mirror. Close the cover to extinguish the lamps. If the cover is left open, the lamps will extinguish automatically after 16 minutes to prevent battery drain.

SUNGLASSES HOLDER

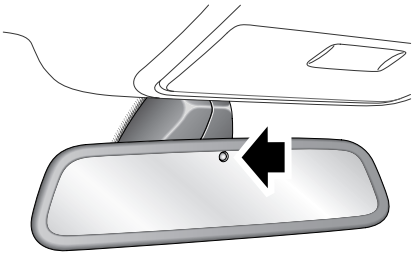


H3800

Press where arrowed (in inset) to open.

INTERIOR REAR VIEW MIRROR

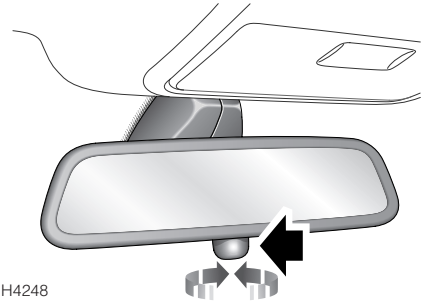
Automatic dipping mirror



H6478L

The automatic rear view mirror is equipped with an automatic dipping function which operates whenever the starter switch is turned to the second position. When powered, the light sensor (arrowed) detects excessive light and automatically dips the mirror, to reduce glare from the headlamps of following vehicles in dark or low light conditions.

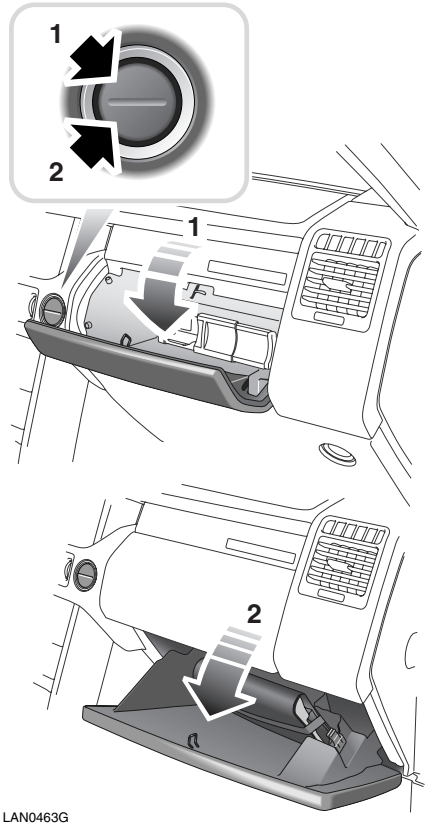
Manual dipping mirror



H4248

To reduce glare from the headlamps of following vehicles in dark or low light conditions, rotate the red anti-theft indicator lens (arrowed) a quarter turn clockwise. Turn the lens a quarter turn anticlockwise to return the mirror to normal reflection.

GLOVE BOXES



LAN0463G

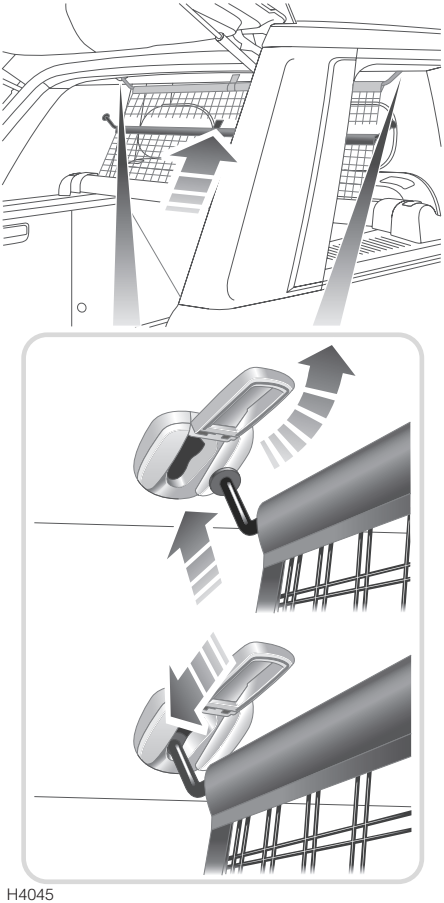
Press the upper portion of the release button (1) to open the upper glovebox.

Press the lower portion of the release button (2) to open the lower glovebox.

For added security, the glove boxes are locked automatically when the vehicle is locked.

LOADSPACE SAFETY NET

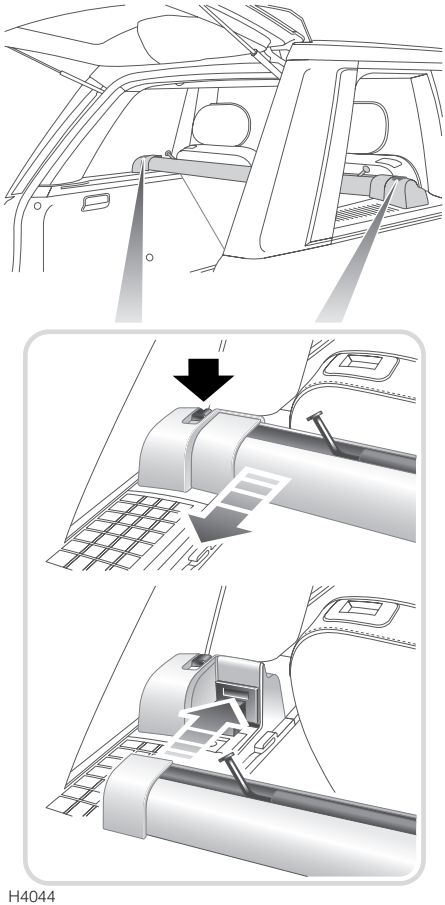
The loadspace safety net is designed to prevent loose loads and items of luggage from entering the passenger compartment in the event of an accident or emergency manoeuvre.



H4045

To use the net, open the mounting covers in the roof lining (see inset) and pull the net towards the roof. Hook the tabs (arrowed) into the mounting slots.

Removing the safety net cartridge



H4044

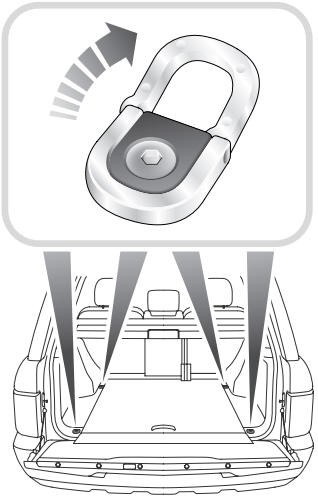
Press the catches down on the safety net cartridge to remove it from its mounting position to the rear of the rear seats.

To refit, push the net cartridge firmly back into the mounting position.

LUGGAGE ANCHOR POINTS

WARNING

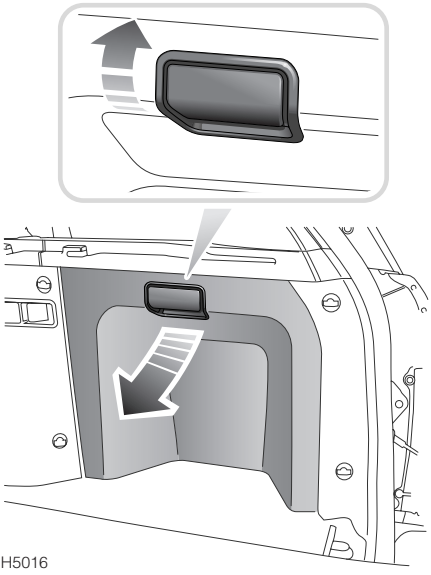
Do not carry unsecured equipment, tools or luggage, which could move and cause personal injury in the event of an accident or emergency manoeuvre either on or off-road.



H4185

Four fixing points are provided in the rear loadspace floor, to assist in safely securing large items of luggage. Land Rover provide a range of approved luggage retention accessories.

REAR LOADSPACE ACCESS HATCH



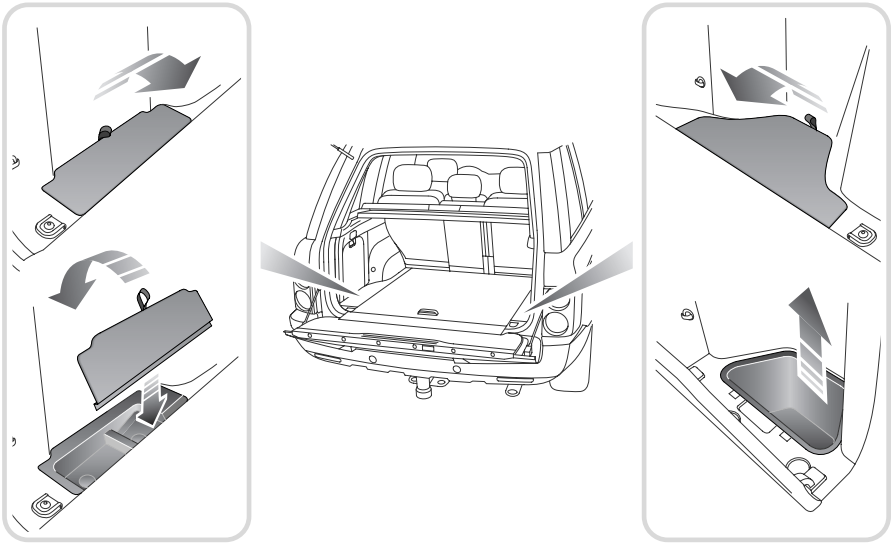
H5016

The access hatch is located on the right hand side of the rear loadspace and provides access to the warning triangle, the rear loadspace fuse box and the emergency fuel filler flap release.

Lift the catch (upper inset) and pull the hatch away from the side of the vehicle.

When refitting the hatch, ensure that it is securely and correctly fitted, before driving.

REAR LOADSPACE STOWAGE AREAS



H4232

Hidden trinket tray

On the left-hand side of the loadspace, a small covered trinket tray is provided, to store smaller items in a concealed area. Pull up the tab to open the tray cover.

When replacing the cover, fit the right-hand edge first.

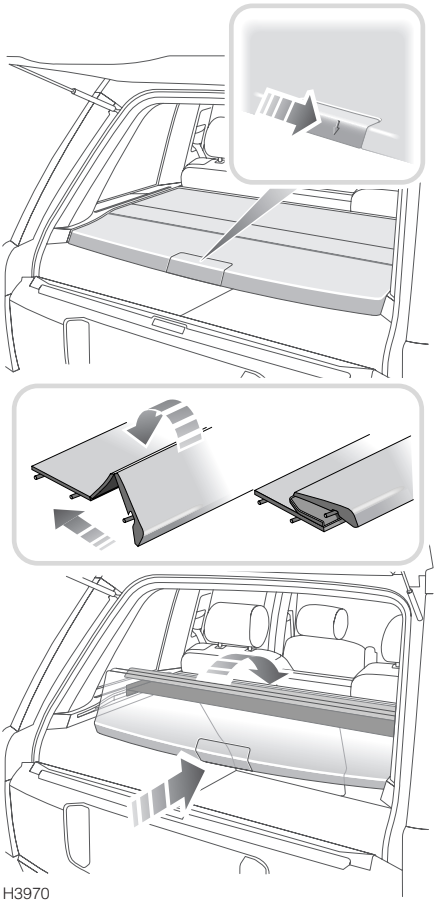
Removable stowage box

On the right-hand side of the loadspace, a removable box is fitted, beneath the loadspace floor. Pull up the tab to open the box cover. Pull the box out to remove.

Note: *On vehicles fitted with a detachable tow bar, the removable stowage box is not fitted and is replaced by the tow bar stowage area.*

LOADSPACE COVER

Operating the loadspace cover



Push firmly downwards and forwards on the centre of the rear edge of the cover (where arrowed in the upper inset), then lift and fold forwards.

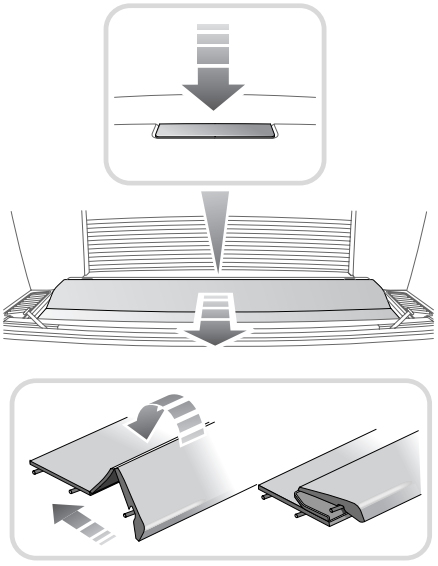
WARNING

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.

Loadspace Cover

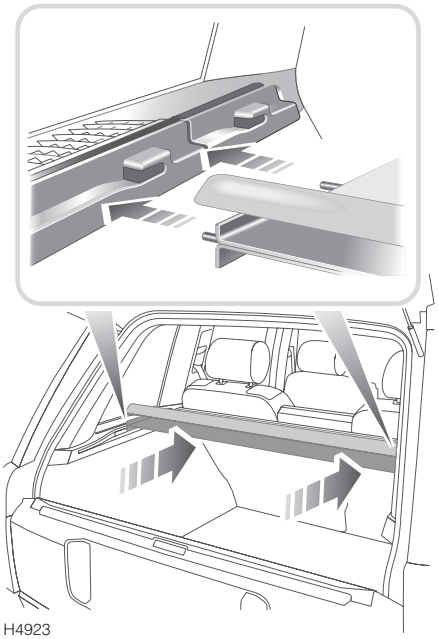
Folding the loadspace cover from inside the vehicle



H4051

If it is necessary to fold the loadspace cover from inside the vehicle (to access the emergency tailgate release lever, for example), remove the rear head restraints to improve access to the loadspace. From the rear seats, push firmly down on the centre rear edge of the cover (see upper inset), while pulling the cover towards the rear seats. The cover folds as shown in the lower inset.

Fitting the loadspace cover



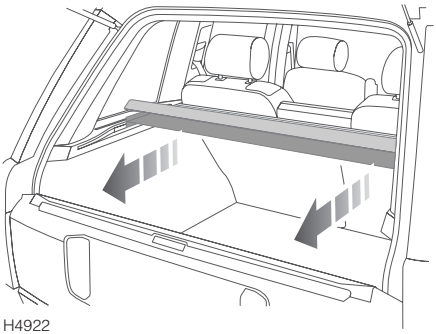
H4923

Place the loadspace cover in position, ensuring that the two locating pins on each side rest on the slides just rearwards of the sockets.

Press firmly forwards to engage and lock the pins in the sockets.

Loadspace Cover

Removing the loadspace cover



H4922

With the cover folded, pull the whole assembly rearwards to disconnect the locating pins and withdraw the loadspace cover carefully from the vehicle.

WARNING

Do not store the loadspace cover loose in the vehicle.