



OWNER'S HANDBOOK

Publication Part No. JJM 10 02 34 121

Introduction

ABOUT THIS HANDBOOK

Please take the time to study all of the owner/operator literature supplied with your vehicle as soon as possible.

IMPORTANT

The information contained in this handbook covers all vehicle derivatives and optional equipment, some of which will not be fitted to your vehicle. Due to printing cycles this handbook may include descriptions of options before they become generally available.

If your vehicle is to be used in another geographical area, the vehicle may have to be modified to suit local conditions. Jaguar Cars is not responsible for the cost of any modifications.

The information contained in this publication was correct when it went to print. Subsequent vehicle design changes may result in a supplement being added to the literature pack. Updates can also be viewed on the Jaguar Cars internet site at <http://www.ownerinfo.jaguar.com>.

In the interest of development, the right is reserved to change specifications, design or equipment at any time without notice and without incurring any obligations. This publication, or part thereof, may not be reproduced nor translated without our approval. Errors and omissions excepted.

SYMBOLS USED IN THIS HANDBOOK



Safety warnings indicate either a procedure which must be followed precisely, or information that should be considered with great care, in order to avoid the possibility of personal injury.



Cautions indicate either a procedure which must be followed precisely, or information that should be considered with great care, in order to avoid the possibility of damage to your vehicle.



This recycling symbol identifies those items that must be disposed of safely in order to prevent unnecessary damage to the environment.



This symbol identifies those features that can be adjusted, disabled or enabled by your Dealer/Authorised Repairer.

Jaguar Cars Limited 2011.

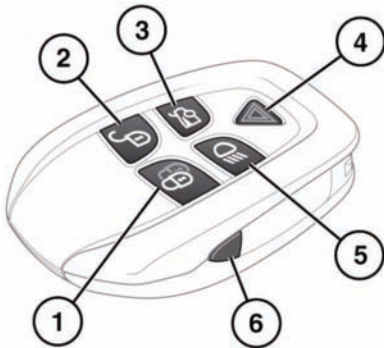
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UNLOCKING THE VEHICLE



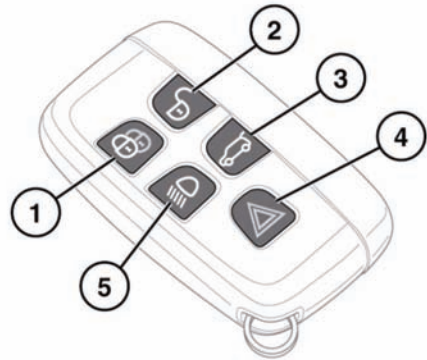
E136014



To prevent accidental or unauthorized operation, never leave children or animals unattended in the vehicle. The vehicle can be operated when the Smart Key is inside the vehicle.

Note: There are two designs of Smart Key, refer to the information which is relevant to the design of Smart Key supplied with the vehicle.

1. Press the lock button to secure the vehicle. The vehicle can be Single or Double locked. See **11, SINGLE LOCKING** and **11, DOUBLE LOCKING**
2. Your vehicle can be unlocked using either Single or Multi-point entry. When single point entry is enabled, the first press unlocks the driver's door and enables the other doors to be opened from the inside. The hazard warning lamps will flash twice to indicate that the vehicle is unlocked and the alarm has been disarmed. A second press unlocks the passenger doors and the luggage compartment.



If multi-point entry is enabled, press briefly to unlock all the doors and luggage compartment and to disarm the alarm. The hazard warning lamps will flash twice to indicate that the vehicle is unlocked and the alarm has been disarmed.

To change from Single to Multi-point entry (or vice versa), press both the lock and unlock buttons simultaneously for three seconds. The hazard warning lamps will flash twice to confirm the change.

The change can also be achieved using the instrument panel menu.

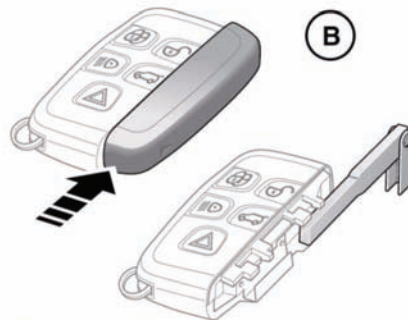
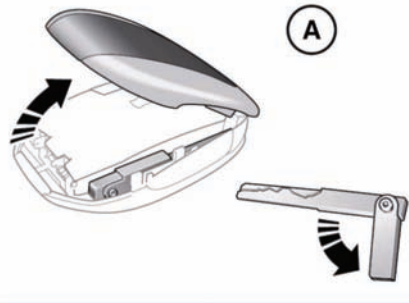
3. Press to open the luggage compartment. The vehicle security system will remain active for the period the luggage compartment is open but the intrusion and inclination sensing systems will be inhibited. Door and bonnet security will remain active. The security system will re-arm to its previous state when the luggage compartment is closed.
4. Panic alarm. Press and hold for three seconds, or press three times within three seconds, to activate the horn, siren and hazard lamps.

Entering the vehicle

After five seconds, the alarm can be cancelled by pressing the panic alarm button for three seconds or by pressing the button three times within three seconds.

The emergency alarm will also be cancelled if the vehicle detects a valid Jaguar Smart Key when the START/STOP button is pressed.

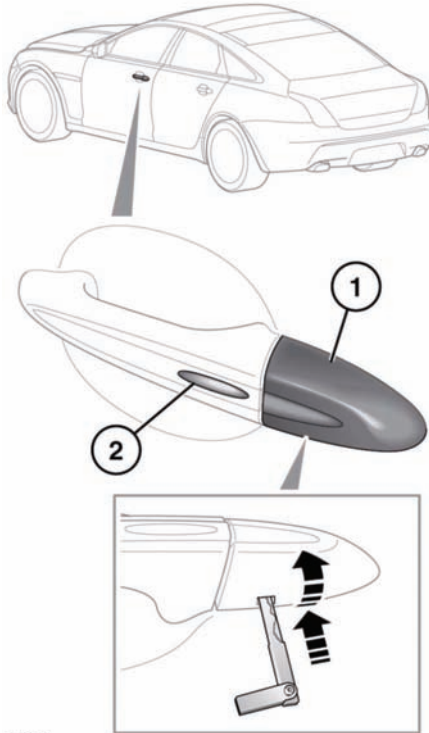
5. Press to switch on the approach illumination for up to 120 seconds. The illumination time is set using the exit delay switch. Pressing the button again or operating the starter button will turn the approach lamps off.
6. Emergency key blade release button.
The vehicle can be unlocked as follow:



E136015

- A. Press and hold the emergency key release button (6) while lifting the cover.
Remove and unfold the emergency key blade.
- B. Slide and remove the cover to expose the emergency key.

Entering the vehicle



E136016

Insert the key blade into the slot at the base of the door lock cover (1) and gently lever the key blade upwards.

Carefully twist the key blade to lever the cover off the retaining clips.

Insert the key blade into the exposed lock to operate.

To lock: Ensure all the doors are closed, then turn the key blade towards the front of the vehicle and release. This will lock all doors but will not arm the alarm.

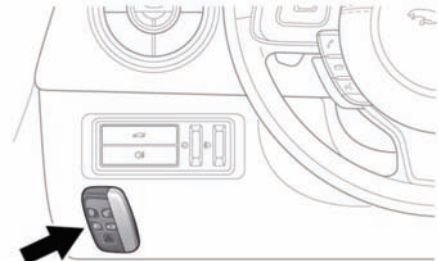
To unlock: Turn the key blade towards the rear of the vehicle and release. If the security system is disarmed, all doors and the luggage compartment will be unlocked. If the security system is armed, only the front left-hand door will unlock.

If the vehicle is unlocked using the emergency key blade with the security system armed, the alarm will sound when a door is unlocked. To deactivate the alarm, press the unlock button on the Jaguar Smart Key or press the engine START/STOP button with the Smart Key inside the vehicle.

Replacing the door lock cover:

- Align the cover to engage the bottom two clips.
- Push the top of the cover to engage the upper clip.

For the key less locking button (2) operation, see 12, **KEYLESS LOCKING**



E132377

If the Smart Key fails to operate, **Smart Key Not Found- Refer to Handbook** is displayed in the message centre. Whilst the warning is displayed, hold the smart key close to the auxiliary switch pack in the position shown.

Entering the vehicle

KEYLESS ENTRY



Any person fitted with an implanted medical device should ensure that the device is kept at a distance of at least 22 cm (8.7 inches) away from any transmitter mounted in the vehicle. This is to avoid any possibility of interference between the system and device.

For information concerning the locations of the security system transmitters, see 173, REMOTE KEY FOB TRANSMITTER LOCATIONS.



If a remote control is lost, a replacement can be obtained and reprogrammed to the vehicle by a Jaguar Dealer/Authorised Repairer. Notify a Jaguar Dealer/Authorised Repairer as soon as a remote control is lost or stolen and have the remaining remote control(s) reprogrammed.

Keyless entry allows the vehicle to be unlocked and disarmed by simply operating the door handle, provided the Jaguar Smart Key is within 1.0 m (3 feet).

The Smart Key needs only to be on the driver's person; it does not need to be exposed or handled.



The Smart Key may not be detected if it is placed within a metal container or if it is shielded by a device with a back-lit LCD screen, such as a smart phone, laptop (including laptop bag), games console etc. Keep the Smart Key clear of such devices when attempting Keyless entry or Keyless starting.

***Note:** Keyless entry will unlock the vehicle in accordance with the current security setting (Single-point or Multi-point entry). However, if Single-point entry is the current setting and a door other than the driver's door is opened first, all doors will unlock.*

When all open doors have been closed, the system will search the vehicle interior for a valid Smart Key. If one is not detected, **Smart Key Not Found Place As Shown** will be displayed in the message centre. Find the Smart Key and place it against the fascia, below the auxiliary switch pack, as shown previously.

The security system fitted to your vehicle is Thatcham category 1 approved, and meets EU regulations 97/116 and EU directive 95/56 EC.

GLOBAL OPENING

Press and hold the unlock button for three seconds. The vehicle will unlock and the alarm will be disarmed immediately. After three seconds, all of the windows will open. This feature can be enabled/disabled via the instrument panel menu.

To stop the windows from opening/closing during the global opening/closing operation, press any of the buttons on the Jaguar Smart Key or operate the driver's window switch. To stop a particular window from opening, operate the relevant window switch.

DRIVE-AWAY LOCKING

Locks all the doors when the vehicle exceeds 8 km/h (5 mph). Use of the central locking/unlocking buttons (see **206, DRIVER CONTROLS**) will override the drive-away locking feature for the rest of a journey.

If a door is individually unlocked and opened, all doors will relock when the open door is subsequently closed.

Note: Drive-away locking can be enabled/disabled via the Vehicle Set-up area of the instrument panel menu.

CONVENIENCE MODE

When the door is opened using either the Jaguar Smart Key or keyless entry, the vehicle's electrical system initiates the convenience mode. The following systems become functional:

- Driver position memory.
- Seat and steering column adjustment.
- Interior and exterior lighting.
- Message centre.
- Auxiliary power socket.

REMOTE KEY FOB CARE

⚠ To prevent accidental operation, which may result in an injury, never leave the Jaguar Smart Key in the vehicle if children or animals are also left in the vehicle.

Do not expose to extremes of heat, dust, humidity or allow contact with fluids. Do not leave the transmitter exposed to direct sunlight.

The emergency key blade number is recorded on an attached label. Peel off the label and attach it to the designated area on the Security Card, supplied in the literature pack. Keep the Security Card safe, but not in the vehicle.

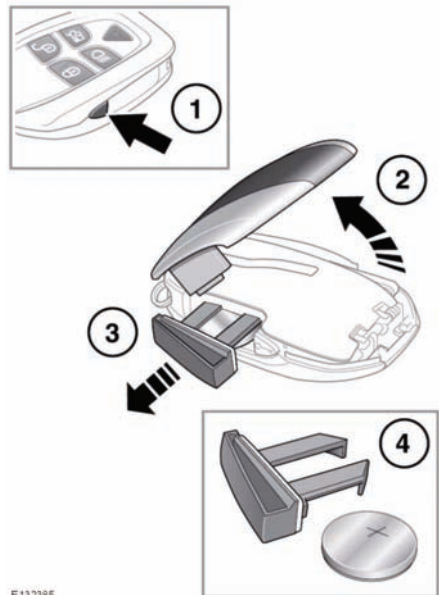
The operational range of the Jaguar Smart Key will vary considerably depending on atmospheric conditions and interference from other transmitting devices.

Note: The radio frequency used by the Smart Key may be used by other devices (e.g. medical equipment). This may prevent the Smart Key from operating correctly.

REMOTE KEY FOB BATTERY REPLACEMENT

Note: There are two designs of Smart Key, refer to the information which is relevant to the design of Smart Key supplied with the vehicle.

When the battery needs renewing, there will be a significant decrease in the effective range and the message **SMART KEY BATTERY LOW** is displayed in the message centre.



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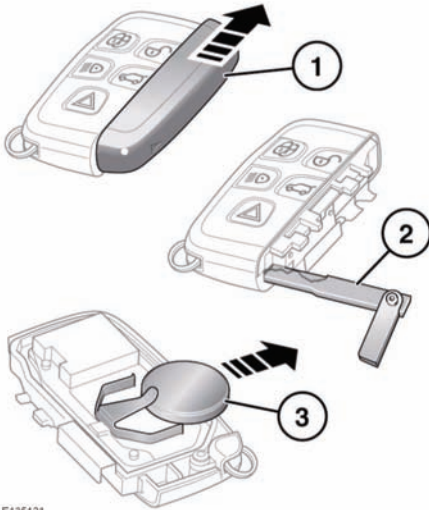
To replace the battery:

1. Press the release button on the side of the Smart Key.
2. Open the Smart Key cover.
3. Remove the battery drawer.
4. Remove the battery.

Fit a new CR2032 type battery (available from your Dealer/Authorised Repairer), with the positive (+) side upwards.

Entering the vehicle

Replace the battery drawer and close the Smart key.



E135421

To replace the battery:

1. Slide the cover in the direction of the arrow until a click is heard. Remove the cover.
2. Use the emergency key blade to separate the Smart Key body.
3. Fit a new CR2032 type battery (available from your Dealer/Authorised Repairer), with the positive (+) side upwards.

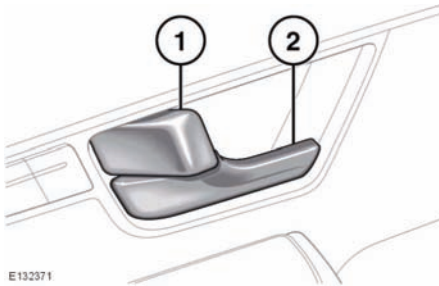
Note: Avoid touching the new battery, as moisture/oil from your fingers can reduce battery life and corrode the contacts.

Refit the parts in the reverse order, ensuring that they click securely into place.



Battery disposal: Used batteries must be disposed of correctly, as they contain harmful substances. Seek advice on disposal from your Dealer/Authorised Repairer and/or your local authority.

DOOR LOCK AND RELEASE LEVERS



1. Press the locking lever to lock the door, pull the lever to unlock the door. Operating the locking lever on either front door will lock or unlock all closed doors.
2. Pull the release lever to open a door. If a rear door is locked, operating the lever will have no effect.

Note: *If the car was locked using the Jaguar Smart Key, then operating the locking lever will only unlock that door and the alarm will sound.*

If the vehicle has been double-locked, the interior door lock and release levers will not operate. The vehicle must be unlocked using the Jaguar Smart Key.

SINGLE LOCKING

Press the lock button briefly. Single locking secures the vehicle and prevents the doors and luggage compartment being opened from outside of the vehicle. The doors can be unlocked and opened from inside the vehicle. The hazard warning lamps will flash once as confirmation.

DOUBLE LOCKING



Never double lock the vehicle with people, children or pets inside. In the event of an emergency they would be unable to escape, and the emergency services would be unable to release them quickly.

When the vehicle is double-locked the doors cannot be opened, either from inside or outside the vehicle.

Press the lock button twice within three seconds. Double locking secures the vehicle and prevents the doors and luggage compartment being unlocked or opened from inside or outside of the vehicle, except with the correct Jaguar Smart Key. The hazard warning lamps will flash twice (with a long second flash) and an audible warning will sound as confirmation.



The audible warning can be enabled/ disabled by your Dealer/Authorised Repairer.

LOCK CONFIRMATION

If you are uncertain whether the vehicle is locked and armed (either by single or double locking), press the lock button again. The hazard warning lights will flash to indicate and confirm the current lock status.

Note: *If the vehicle is **not** already locked and armed, pressing the lock button will single lock the vehicle. Press again to double lock, if required.*

Exiting the vehicle

MISLOCK

If one of the doors, the hood or the luggage compartment are not shut fully when the vehicle is locked using the Jaguar Smart Key or by Keyless locking, the vehicle will not lock and two warning tones will sound. Check that all doors, the hood and the luggage compartment are closed properly and lock the vehicle again.

If one or more of the doors fails to lock properly when a lock attempt is made using the Jaguar Smart Key, two warning tones will sound and one or more of the doors may not be locked.

GLOBAL CLOSING



Ensure that no children, pets, or obstructions are in any open aperture before operating global closing.

Ensure that all doors are closed, then press and hold the lock button on the Smart Key for 3 seconds. Alternatively, press and hold the lock button on the door handle. The vehicle will single lock and the alarm will be fully armed immediately. After 3 seconds, all of the windows will close.

Note: *If the button on the door handle is released before the windows have fully closed, the windows will stop closing.*

KEYLESS LOCKING



Remove all Jaguar Smart Keys and emergency key blades from the vehicle when it is left unattended. This will help prevent the alarm being disarmed and therefore help prevent theft.



The Smart Key may not be detected if it is placed within a metal container or if it is shielded by a device with a back-lit LCD screen, such as a smart phone, laptop (including laptop bag), games console etc.

The vehicle will not lock automatically.

To single-lock the vehicle, press the button on the door handle once. The hazard warning lamps will flash once as confirmation (in some markets, an audible warning will sound).

To double-lock the vehicle, press the button twice within three seconds. The hazard warning lamps will flash twice (with a long second flash). In some markets, a double audible warning will sound.

Note: *Keyless locking will only activate if all doors, bonnet and the luggage compartment are closed and the Jaguar Smart Key is outside the vehicle. If the above conditions are not met, two audible error warnings will sound.*

FULL ALARM

To set full alarm protection, ensure that all the windows and the sunroof are closed. On vehicles fitted with double-locking, press the lock button twice within three seconds. The hazard warning lights will flash twice to confirm the alarm state and, in some markets, an audible tone will sound.

Note: *If the alarm is armed and a window or the sunroof are left open, the alarm may sound due to movement of air currents, detected by the intrusion sensors in the front interior light console.*

The intrusion sensors can be temporarily disabled, for the next time the vehicle is locked, via the Vehicle Set-up area of the instrument panel menu.

PERIMETER ALARM

To set perimeter alarm protection, press the lock button. The hazard warning lights will flash to confirm the alarm state.

BATTERY-BACKED SOUNDER

In certain markets, a separate battery backed sounder is fitted. This device will sound the alarm if the vehicle battery or the alarm sounder is disconnected when the security system is armed.

DEACTIVATING THE ALARM WHEN TRIGGERED

If the alarm has been triggered, it can be deactivated by any one of the following methods:

- Pressing the unlock button on the Jaguar Smart Key.
- Opening a door using keyless entry.
- Pressing the START/STOP button with a valid Jaguar Smart Key present.

TILT SENSOR

The tilt sensor detects any change in the vehicle's angle to the ground. When the alarm is armed and the vehicle double-locked, any change in the vehicle's angle will activate the tilt alarm.

Note: *The tilt sensors can be temporarily disabled, for the next time the vehicle is locked, via the Vehicle Set-up area of the instrument panel menu.*

PASSIVE ARMING

This vehicle is fitted with a passive arming feature which can, if enabled, automatically arm the anti-theft system. Passive arming will automatically arm the perimeter alarm system 60 seconds after the driver's door is closed, provided all doors, bonnet and luggage compartment are closed, the ignition is switched off and there are no valid Jaguar Smart Keys inside the vehicle.

Passive arming will not lock the vehicle, although access to the luggage compartment via the interior or exterior release buttons will be prevented and the fuel filler flap will be locked.



Passive arming can be enabled/disabled by your Dealer/Authorised Repairer.

AUTOMATIC RELOCKING AND RE-ARMING OF THE ALARM

Automatic relock and re-arm is a feature which, if enabled, automatically relocks the vehicle and arms the anti-theft system.

If the vehicle is in a locked and armed state and the remote unlock button is pressed, but none of the doors or the luggage compartment are opened within 40 seconds, the vehicle will automatically relock all the doors and the luggage compartment and will re-arm the alarm system.

Note: *Automatic relocking and arming will only relock and arm to the last locked and armed state.*



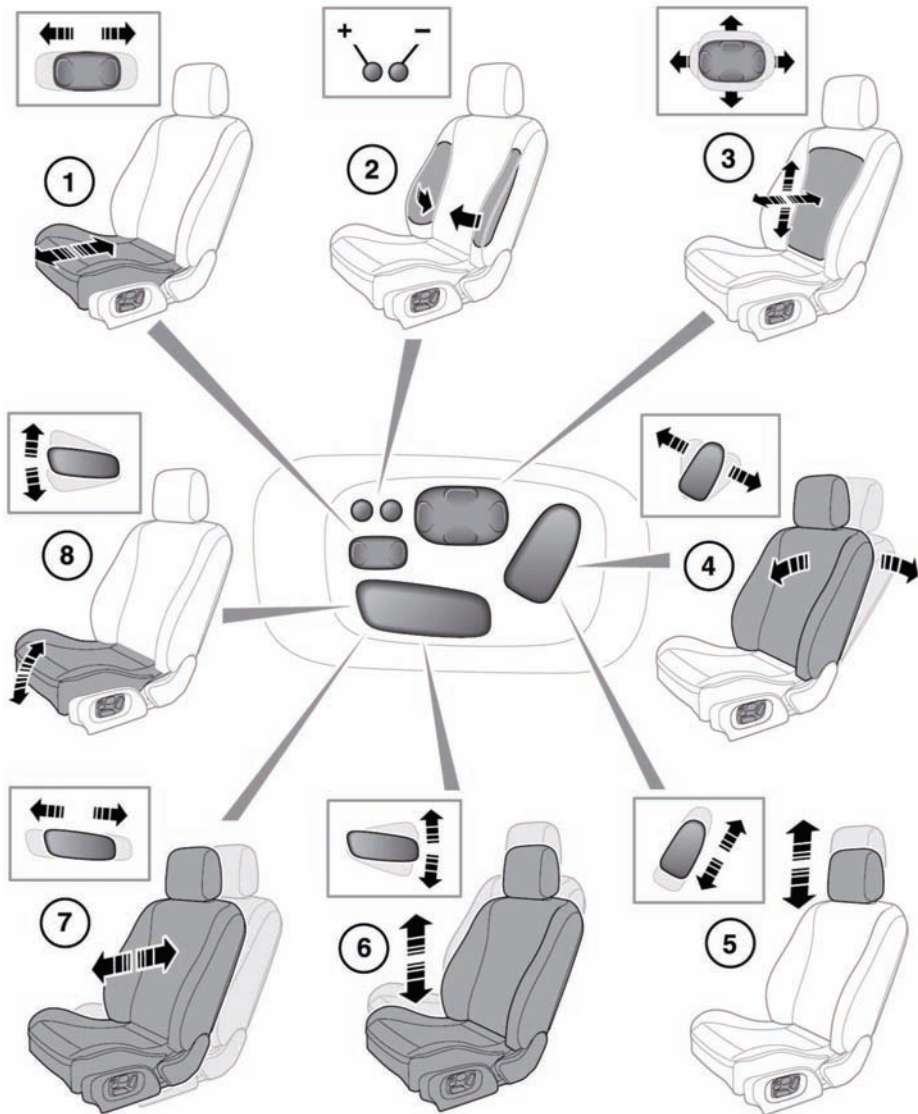
Automatic relocking and re-arming can be enabled/disabled by your Dealer/Authorised Repairer.

SENSOR FAULTS

If the security systems detect a fault with one of the security sensors, an error tone will sound from the alarm after the vehicle is unlocked and disarmed. If this condition occurs, please visit your Dealer/Authorised Repairer for rectification.

Front seats

ELECTRIC SEATS



E132387

1. Cushion length adjustment.
2. Bolster adjustment (inflate/deflate).
3. Lumbar support adjustment.
4. Seat back angle adjustment.
5. Head restraint height adjustment.
6. Height adjustment.
7. Forward and rearward adjustment.
8. Cushion front tilt adjustment.

To adjust the seats, the Jaguar Smart Key must be in the vehicle and the ignition turned on.

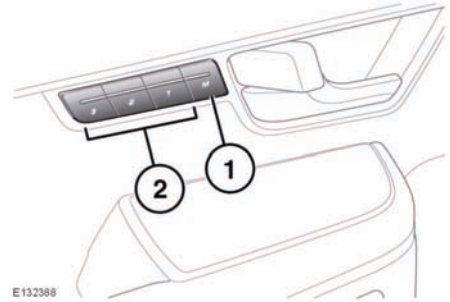
PASSENGER SEAT AWAY



E135027

When fitted the driver can adjust the position of the front passenger seat, press for forward or rearward adjustment.

DRIVING POSITION MEMORY



E132388

1. Memory set button.
2. Memory presets.

Once you have adjusted the driver's seat, steering column (21, **ADJUSTING THE STEERING WHEEL**) and exterior mirrors (41, **EXTERIOR MIRRORS**) the vehicle can memorise these settings using the driver memory buttons.

Once the passenger seat has been adjusted, these settings can be memorised using the passenger memory buttons.

1. Press the memory set button to activate the memory function.
2. Press one of the preset buttons within five seconds to memorise the current settings. For the driver's settings, **MEMORY 1 (2 or 3) SETTINGS SAVED** will be displayed on the message centre accompanied by an audible chime to confirm the settings have been memorised.

A seat position can only be memorised during the five second period.

Any existing settings for a memory preset will be over-written when programming a memory position.

Front seats

RECALLING A MEMORISED POSITION

Press the appropriate memory preset button (for the driver's settings, **MEMORY 1 (2 or 3) SETTINGS RECALLED** will be displayed in the message centre).

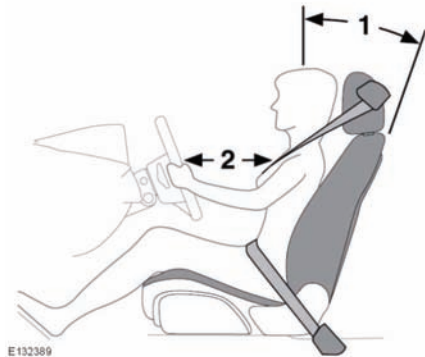
RESTRICTED SEAT TRAVEL

If an obstruction is encountered while the seat is in motion, the seat will stop moving and further movement will be restricted until reset.

To reset the seat:

1. Remove the obstruction.
2. Adjust the seat to the point where movement is restricted.
3. Press and hold the switch for at least 2 seconds to override the restriction.

SITTING IN THE CORRECT POSITION



The driver and front passenger must not ride with the seat fully reclined.



Do not adjust the seat while the vehicle is moving.

The seat, head restraint, seat belt and airbags, all contribute to the protection of the user. Correct use of these components will give you greater protection, therefore you should observe the following points:

1. Sit in an upright position with the base of your spine as far back as possible and the seat back reclined no more than 30 degrees, to achieve optimum benefit of the seat belt in the event of an accident.
 2. Do not move the driver's seat too close to the steering wheel. Ideally, a minimum distance of 254 mm (10 inches) is recommended between the breastbone and the steering wheel airbag cover. Hold the steering wheel in the correct position with your arms slightly bent.
- Adjust the head restraint so that the top of the head restraint is above the centre line of the head.
 - Position the seat belt so that it is mid-way between your neck and your shoulder. Fit the strap tightly across your hips, not across your stomach.
 - Ensure that your driving position is comfortable and enables you to maintain full control of the vehicle.

ELECTRIC SEATS

Note: This feature will not operate if the rear window isolation switch has been activated.



E134119

1. Seat back angle adjustment.
2. Lumber support adjustment.
3. Massage OFF.
4. Massage ON, operates for 10 minutes or until switched off.
5. Front passenger seat away, forward or rearward adjustment.

To adjust the seats, the Jaguar Smart Key must be in the vehicle and the ignition turned on.

REAR SEAT SAFETY




Never allow passengers to travel in the luggage compartment under any circumstances.




All vehicle occupants should be seated correctly, and wear a seat belt at all times when the vehicle is in motion.

Head restraints

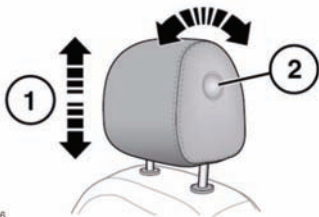
FRONT HEAD RESTRAINTS

 Adjust the head restraint so that the top of the head restraint is above the centre line of the head. An incorrectly adjusted head restraint increases the risk of death or serious injury in the event of a collision.

 It is possible to swivel the head restraint forwards or backwards. For greater protection in the event of a collision, the head restraint should be adjusted so that it is as close to the back of the head as is practical.

 Never adjust the head restraint while the vehicle is in motion.

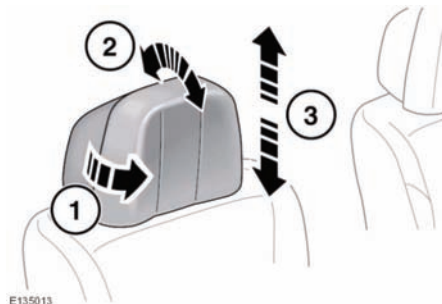
ELECTRIC FRONT HEAD RESTRAINTS



E135416

1. To adjust the height of the head restraint, see **14, ELECTRIC SEATS**
2. To adjust the angle of the head restraint, press the locking button on the side of the restraint and tilt to the desired position.

Note: There is no angle adjustment on headrests where a DVD screen is fitted.



E135013

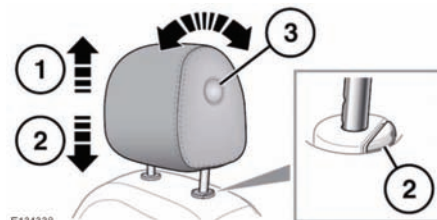
1. Pull the wing heads forward in to the first or second position.
2. Rotate the head restraint to adjust the angle.

Note: There is no angle adjustment on headrests where a DVD screen is fitted.

3. To adjust the height of the head restraint, see **14, ELECTRIC SEATS**

Note: It is not possible to remove the electric front head restraints.

MANUAL FRONT HEAD RESTRAINTS



E134338


1. To raise, pull the restraint upwards, it will click and lock in position.
Note: Do not try to raise the head restraint further than the third adjustment position.
2. To lower, depress the locking button and push down on the restraint.
3. To adjust the angle of the head restraint, press the locking button on the side of the restraint and tilt to the desired position.


Note: The head restraint can only be removed if the seat is moved forward or back to create more space.

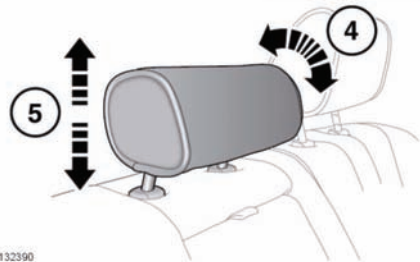
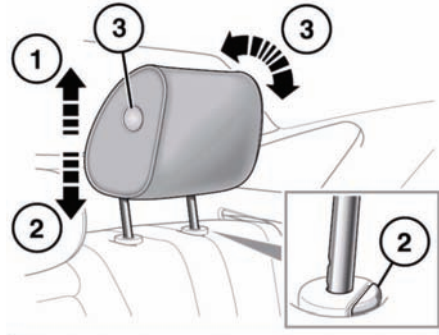
To remove the head restraint, adjust the angle of the back of the seat forward or back to create more space. Press both locking buttons at the same time and lift the restraint out of the seat.

 **Always store a removed head restraint securely.**

REAR HEAD RESTRAINTS

 It is possible to swivel the head restraint forwards or backwards. For greater protection in the event of a collision, the head restraint should be adjusted so that it is as close to the back of the head as is practical.

 Do not drive or carry passengers with the head restraint removed from an occupied seat. The absence of a correctly adjusted head restraint increases the risk of neck injury in the event of a collision.

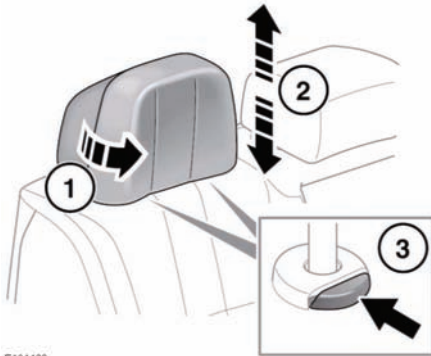


E132390

1. To raise, pull the restraint upwards, it will click and lock in position.
2. To lower, depress the locking button and push down on the restraint.
3. To adjust the angle of the head restraint, press the locking button on the side of the restraint and tilt to the desired position.
4. To adjust the centre head restraint, tilt the restraint forward.
5. Raise or lower the restraint as required. The head restraint can be locked in one of three height positions.

Note: Do not use the locking collars to raise or lower the centre head restraint.

Head restraints



E134120

1. Pull the wing heads forward in to the first or second position.
2. To raise, pull the restraint upwards, it will click and lock in only one position.
Note: Do not try to raise the head restraint further than the one adjustment position.
3. To lower, depress both the locking buttons at the same time.

HEAD RESTRAINT REMOVAL



Always store a removed head restraint securely.

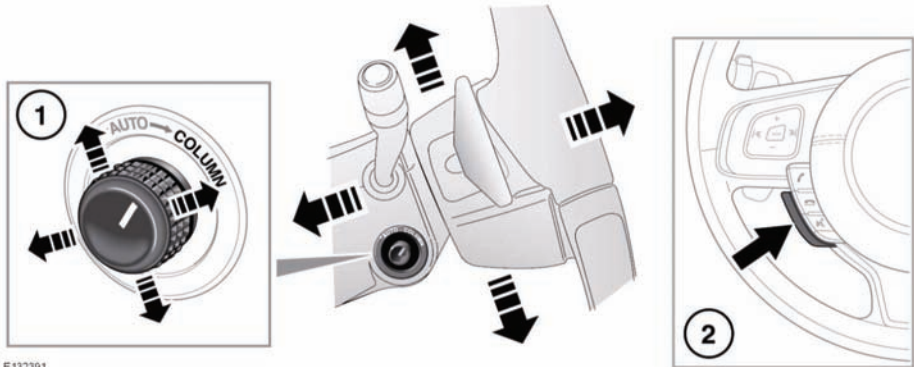
It is possible to remove the centre rear head restraint, if necessary, to enable the fitment of a child restraint:

1. Raise the head restraint to its uppermost position.
2. Press both locking collars.
3. Lift the head restraint out of the seat.

Ensure the head restraint is refitted once the child seat is removed.

Note: It is not possible to remove the left or right rear head restraints.

ADJUSTING THE STEERING WHEEL



E132391

1. Steering column adjuster.
2. Heated steering wheel switch.



Never adjust the steering wheel whilst the vehicle is moving.



Do not use steering wheel mounted security devices. Movement of the steering wheel in exit and entry mode, could result in damage to the vehicle or possible injury to the occupant.

The steering wheel can be adjusted for tilt and reach as follows:

- Move the control forwards or rearwards to adjust reach.
- Move the switch up or down to adjust tilt.

Up to 3 steering wheel positions can be stored and recalled, along with seat and exterior mirror positions, by the driving position memory. See **15, DRIVING POSITION MEMORY**.

ENTRY AND EXIT MODE

With the steering column adjustment control in the AUTO position, the steering column will move to provide easier entry and exit from the vehicle, as follows:

- **Exit:** When the driver's door is opened, the steering column will move to the uppermost tilt position.
- **Entry:** When the driver's door is closed and the ignition is turned on, the steering column will return to its previously selected driving position.

Note: If the column control is moved away from AUTO when the column is in the Exit position, the column will still move back to its previous driving position when the driver's door is closed and the ignition is switched on.

Note: If the column is manually adjusted during Entry or Exit operation, column movement will stop.

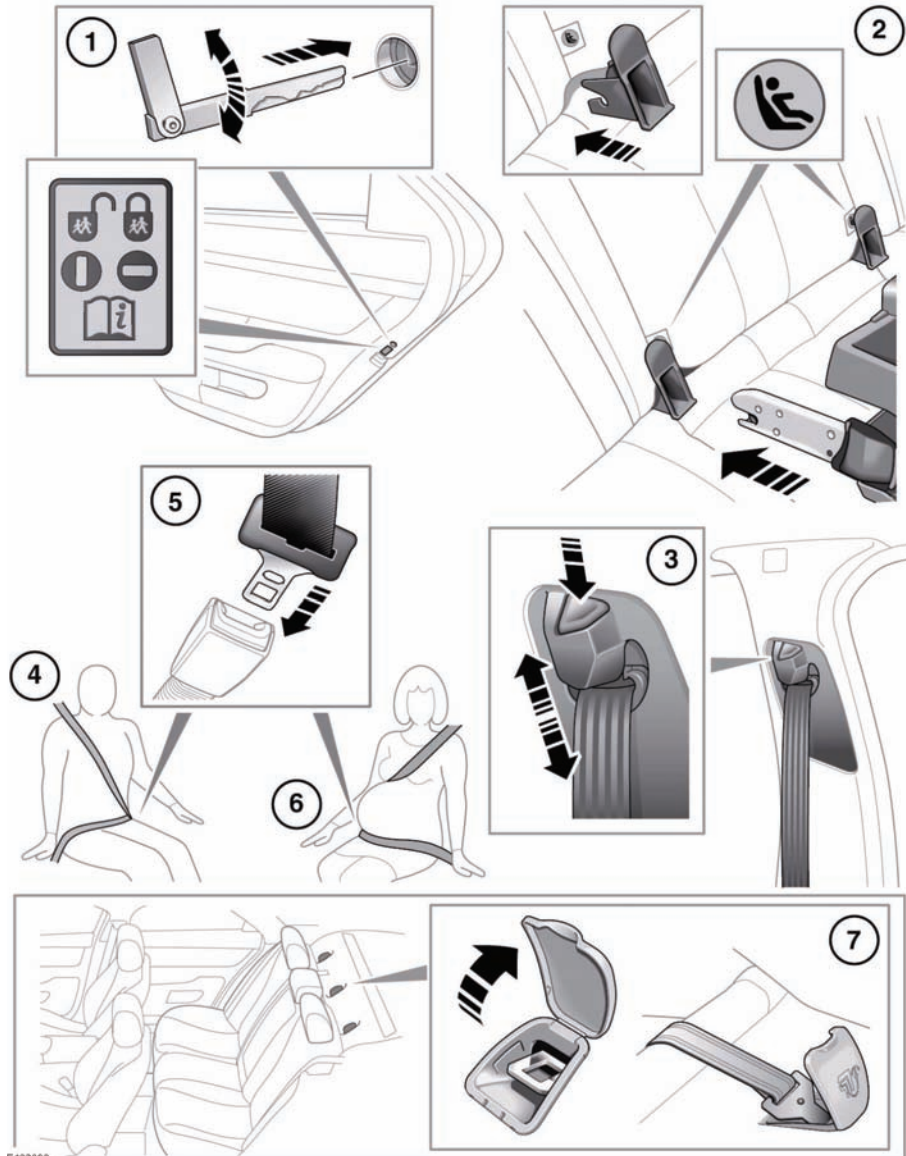
HEATED STEERING WHEEL



Press this switch (2) to activate the steering wheel heater. Press again to turn off.

Occupant safety

USING SEAT BELTS AND CHILD SAFETY LOCKS



1. If children are to be carried in the rear seat positions, it is recommended that the rear door interior handles are disabled. To change the child lock settings:-
 - Open the door to access the child safety lock.
 - Insert the emergency key into the slot and rotate a quarter of a turn, to enable or disable the interior door handle, as required.
2. To install an ISOFIX child seat (not Australia):-
 - Raise the head restraint on the relevant seat.
 - Locate the lower anchor bars which are accessible through the gap between the seat back and seat base. Insert the protective guides supplied with the child seat as shown. The insertion positions for the guides are identified by the ISOFIX labels.
 - Slide the child seat locking mechanism into the protective sleeves and onto the anchor bars.
 - Test the security of the child restraint. To do this, attempt to pull the restraint away from the vehicle seat and twist the restraint from side to side. Even if the restraint appears secure you should always check the anchor points visually to ensure correct attachment.

Note: Always ensure that if an upper tether is provided, it is fitted and tightened correctly.
3. To adjust the seat belt height:-
 - Press to release the catch.
 - With the catch depressed slide the mechanism up or down to the required height. Release the catch and ensure the locking mechanism has engaged.



The use of comfort clips or devices that would create slack in the seat belt system, is not advised.



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.

4. Draw the belt out smoothly, ensure that the belt height, the seat, and your position on the seat are correct.



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.



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.



Belts should not be worn with the 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.



The occupants of the front seats should not travel with the seat back at more than 30 degrees from upright. Doing so will reduce the protection afforded by the seat belt.

Occupant safety



Never place anything between you and the seat belt in an attempt to cushion the impact in the event of an accident.

5. With the seat belt correctly positioned, place the metal tongue into the buckle nearest to you. Press it in until a click is heard. Ensure that all slack has been taken up by the retractor and the belt fits tightly across the hips.

Note: *When releasing the seat belt it is advisable to hold the belt before pressing the release button. This will prevent the belt from retracting too quickly.*

To release the seat belt, press the red button.

6. **Use of seat belts during pregnancy:**

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.



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 whilst using just the shoulder strap.



Never place anything between you and the seat belt. It can be dangerous and reduce the effectiveness of the seat belt in preventing injury.



Ensure that the seat belt is not slack or twisted.

7. Tether strap anchorages. See 28, **INSTALLING TETHER ANCHORAGE CHILD RESTRAINTS.**



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.



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).

Note: *A tether anchorage is provided for the centre seat position. Do not use this anchor position with an ISOFIX child seat.*

SEAT BELT SAFETY



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.



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.



Do not carry hard, fragile or sharp items between your person and the seat belt.



Seat belts should be worn by all vehicle occupants, for every journey, no matter how short.



When using seat belts to restrain items other than occupants, take care to ensure that the belts are not damaged, or exposed to sharp edges.



The use of comfort clips, or devices that would create slackness in the seat belt system, is not advised.

SEAT BELT CHECKS

Note: If the vehicle is parked on an incline, the seat belt mechanism may lock. This is a safety feature and the belt should be gently eased out from the upper anchorage.

The seat belts should be inspected regularly to check for fraying, cuts or wear to the webbing, and the condition and security of the mechanism, buckles, adjusters, and mounting points.

- 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 seat belt to the limit of its travel. Check that it unreels smoothly with no snatches or snags. Allow the belt to fully retract, again checking for smooth operation.
- Partially unreel the seat belt, then hold the tongue plate and give a quick forward pull. The mechanism must lock and prevent any further unreeling.

If any of the seat belts fail to meet those criteria, immediately contact your Dealer/ Authorised Repairer.

SEAT BELT WARNING LAMP

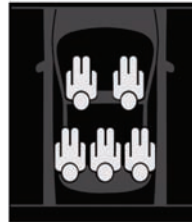


The warning lamp in the instrument panel stays illuminated when the driver's or front passenger's seat belt is not fastened (if the passenger seat is occupied). The lamp should extinguish when the seat belt is fastened.

The warning lamp will also flash in conjunction with the Beltminder warning chime.

BELTMINDER

A front and rear seat Beltminder system warns the driver when the seat belt of an occupied seat is not fastened or is unfastened during a journey.



E132396

A graphic in the message centre indicates which seat belts are fastened at the start of a journey and also when a seat belt is fastened or unfastened during a journey.

Each seating position is represented by a passenger icon, the colour of which indicates the seat belt status:

- No colour - seat belt not fastened.
- Green - seat belt fastened.
- Red - driver's or occupied front seat passenger's seat belt is not fastened or is unfastened during a journey.

In addition, an audible warning will sound under the following conditions:


- The driver's or occupied front seat passenger's seat belt is not fastened or is unfastened during a journey.
- A rear seat belt is unfastened.


Note: If a heavy object is placed on the front passenger seat, it may activate the Beltminder feature. It is recommended that the object be placed in the luggage compartment or secured using the seat belt.


Occupant safety


Note: Although not advisable, it is possible to disable the Beltminder function. Please see your Dealer/Authorised Repairer to disable or re-instate the function.


CHILD SEATS

 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 travels in the front, set the vehicle seat fully rearward and seat the child in an approved forward-facing child seat. Do not use a rear-facing child seat - an inflating airbag could impact with the seat and cause serious injury.

 Do not use a forward facing child seat until the child using it 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 allow a baby or infant to be held or carried on the lap. The force of a crash can increase effective body weight by as much as thirty times, making it impossible to hold onto the child.


 Children typically require the use of a booster seat appropriate to their age and size, thereby enabling the seat belts to be properly fitted, reducing the risk of injury in a crash. Children could be endangered in a crash if their child restraints are not properly secured in the vehicle.

 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.

The seat belts fitted to your vehicle are designed for adults and larger children. It is very important for all infants and children under 12 years of age to be restrained in a suitable child safety seat appropriate to their age and size.

If it is essential that a child travels in the front passenger seat (and national legislation permits this), Jaguar recommends that the following preparations are made before fitting the child restraint.

- Adjust the front passenger seat fully rearwards.
- Adjust the lumbar support to its minimum support position.
- Adjust the seat cushion to its highest position. If cushion front tilt adjustment is possible, adjust it to its lowest position.
- Adjust the seat back to the fully upright position.
- Adjust the seat belt adjustable upper anchorage to its lowest position.

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



E132397

This symbol, affixed to the end of the fascia on the passenger side, warns against the use of a rear-facing child seat in the front passenger seat, when a front passenger airbag is fitted and operational.

CHILD RESTRAINT CHECK LIST

Every time a child travels in the vehicle observe the following:-

- Use appropriate child restraints.
- Carefully follow the restraint system manufacturers instructions.
- Adjust the harnesses for every child on every trip.
- Ensure that all slack is removed from the adult seat belt.
- Always attach the top tether when installing an ISOFIX seat.
- Always check the security of the child restraint.
- Do not dress a child in bulky clothing, or place any objects/padding between the child and the restraint.
- Regularly check the fit and condition of child restraints. If the fit is poor, or wear/damage is visible replace the restraint immediately.
- Set a good example - always wear your seat belt.

CHILD SEAT POSITIONING



Information given within the table is correct at the time of going to press. However, availability of child restraints may change. Please consult your Dealer/ Authorised Repairer for the latest recommendation.

Note: The information contained in the following table may not be applicable to all countries. If you are in any doubt regarding the type and fitment of child seats seek advice from your Dealer/Authorised Repairer.

Seating positions	Front passenger*	Rear outboard	Rear centre
Mass group			
0 = Up to 10 kg (22 lb.) 0 to 9 months	X	U	U
0+ = Up to 13 kg (29 lb.) 0 to 18 months	X	U	U
I = 9 to 18 kg (20 to 40 lb.) 9 months to 4 years	UF	U	U
II = 15 to 25 kg (33 to 55 lb.) 4 to 9 years	U	U	U
III = 25 to 36 kg (55 to 80 lb.) 8 to 12 years	U	U	U

- **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** = Not suitable for child restraint fitment in this mass group.

Occupant safety

* Jaguar recommend that the front passenger seat be positioned fully rearward, with the cushion adjusted to the highest position when installing child restraints.

Note: *Ages given are approximate. In case of doubt, the child's weight, not age, should be used when considering an appropriate child seat.*

BOOSTER CUSHIONS

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 three point belt properly, a booster seat is recommended for maximum safety. Follow the manufacturer's instructions for fitting and use, then adjust the seat belt to suit.

INSTALLING TETHER ANCHORAGE CHILD RESTRAINTS

1. Install the child restraint securely in one of the rear seating positions.
2. Pass the tether strap over the seat back and beneath the head restraint.
3. Attach the tether strap hook to the tether anchor point on the back of the seat. Ensure that the tether strap hook is facing the correct way. See **22, USING SEAT BELTS AND CHILD SAFETY LOCKS**.
4. Tighten the tether strap according to the manufacturer's instructions.

ISOFIX ANCHOR POINTS (not Australia)



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



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.



If removing the centre head restraint in order to fit a child restraint, always secure the head restraint when storing it.

Both of the outer rear seat positions are equipped to accept ISOFIX restraints.



This symbol is shown on a label sewn into the seats to indicate the position of the ISOFIX lower anchorages.

Note: The information contained in the following table may not be applicable to all countries. If you are in any doubt regarding the type and fitment of child seats seek advice from your Dealer/Authorised Repairer.

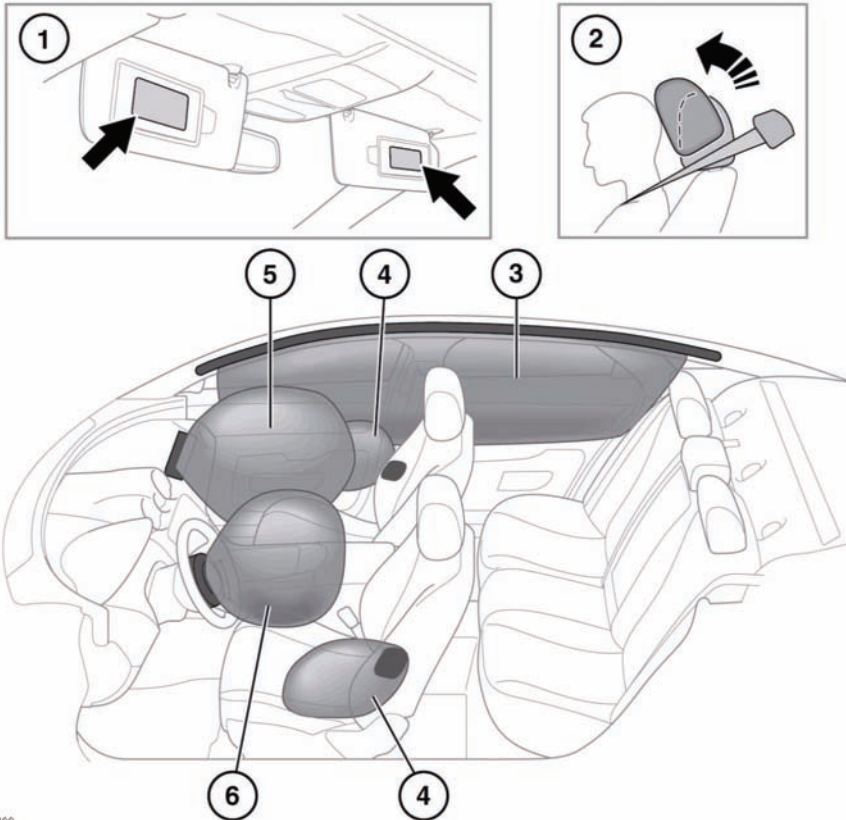
Mass group	Size classes	Fixtures	Rear outboard seats
Carrycot	F/G	ISO L1/L2	X
0 = Up to 10 kg (22 lb.) 0 to 9 months	E	ISO R1	IL*
0+ = Up to 13 kg (29 lb.) 0 to 18 months	C/D/E	ISO R1/R2/R3	IL*
I = 9 to 18 kg (20 to 40 lb.) 9 months to 4 years	C/D A/B1/B	ISO R2/R3 ISO F2/F2X/F3	X IUF
II = 15 to 25 kg (33 to 55 lb.) 4 to 9 years	-	N/A	N/A
III = 22 to 36 kg (49 to 80 lb.) 8 to 12 years	-	N/A	N/A

- **IUF** = Suitable for ISOFIX forward child restraint systems of universal category approved for use in the mass group.
- **IL** = These ISOFIX child restraint systems are of the specific vehicle, restricted or semi-universal categories.
- **X** = Not suitable for child restraint fitment in this mass group.
- ***** = Child seat suitable for use in these locations is the Britax/Römer Baby Safe Plus.

Note: Ages given are approximate. In case of doubt, the child's weight, not age, should be used when considering an appropriate child seat.

Occupant safety

AIRBAGS AND ACTIVE HEAD RESTRAINTS



E132399

1. Airbag warning information is printed on the driver and passenger sun visors.
2. Both front seats are equipped with Active Head Restraints (AHR) which reduce the risk of neck and spinal injury (whiplash) in the event of a rear impact by moving the head restraint upwards and forwards, supporting the occupant's head.
After activation, the whiplash protection mechanism resets automatically and does not need to be replaced.
3. The curtain airbags may deflate at a slower rate than the front or side airbags, to afford prolonged protection.
4. Seat mounted side airbags.
5. Front passenger airbag.
6. Driver's airbag.

Note: The general location of airbags fitted to the vehicle are marked by the word AIRBAG.

Always contact your Dealer/Authorised Repairer if:

- An airbag inflates.

- The front or sides of the vehicle are damaged.
- Any part of the Airbag Supplementary Restraint System (SRS) shows signs of cracking or damage, including trim covering airbags.

AIRBAG OPERATION



For the airbags to operate correctly the roof lining and door post trims must be in good condition, correctly fitted, and free from obstruction. Any damage, wear, or incorrect fitment should be referred to your Dealer/Authorised Repairer as soon as possible for examination and repair.



Do not obstruct the operation of the airbags by placing any part of their person or any objects in contact with, or close to, an airbag module. Only use approved accessories (e.g. seat covers).



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



Airbags inflate at high speeds. To minimise the risk of injury, ensure that all vehicle occupants wear correctly positioned seat belts, sit correctly in the seats, and position the seats as far back as practical.



Airbag inflation takes place instantaneously, and cannot protect against the effects of secondary impacts. Under these circumstances the only protection will be provided by a correctly worn seat belt.



Phone systems should only be installed by qualified persons familiar with the operation of, and requirements for, vehicles fitted with SRS. If you are in any doubt, seek advice from your Dealer/Authorised Repairer.

Airbag deployment is dependent on the rate at which the passenger compartment changes velocity following the collision. Circumstances affecting different collisions (vehicle speed, angle of impact, type and size of object hit, etc.), vary considerably and will affect the rate of deceleration accordingly.

The Supplementary Restraint System (SRS) components include:-

- SRS warning indicator.
- Rotary coupler.
- Airbag modules.
- Seat belt pre-tensioners (front seat belts).
- Airbag diagnostic control unit.
- Crash sensors.
- Airbag wiring harnesses.

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

- Rear impacts.
- Minor front impacts.
- Minor side impacts.
- Heavy braking.
- Driving over bumps and pot holes.

Therefore, it follows that considerable superficial damage to the vehicle can occur, without causing the airbags to deploy.

Occupant safety

AIRBAG DEPLOYMENT EFFECTS



When an airbag inflates, a fine powder is released. This is normal and not an indication of a malfunction. The powder may cause irritation to the skin and should be thoroughly flushed from eyes and any cuts or abrasions.



Airbag deployment is accompanied by a very loud noise which may cause discomfort and temporary loss of hearing.

AIRBAG WARNING LAMP



The airbag warning indicator is mounted in the instrument panel, and will illuminate as a bulb check when the ignition is switched on.



If the warning indicator signals that a fault is present in the system, do not use a child restraint on the front passenger seat.

If any of the following warning indicator conditions occur, the vehicle should be checked by your Dealer/Authorised Repairer immediately.

- The warning indicator fails to illuminate when the START/STOP button is initially switched on.
- The warning indicator fails to extinguish within six seconds of the START/STOP button being switched on.
- The warning indicator illuminates at any time other than during the bulb check.

AIRBAG SERVICE INFORMATION



Do not attempt to service, repair, replace, modify, or tamper with, any part of the SRS. This includes wiring or components in the vicinity of SRS components. Doing so may cause the system to trigger, or render the system inoperative.

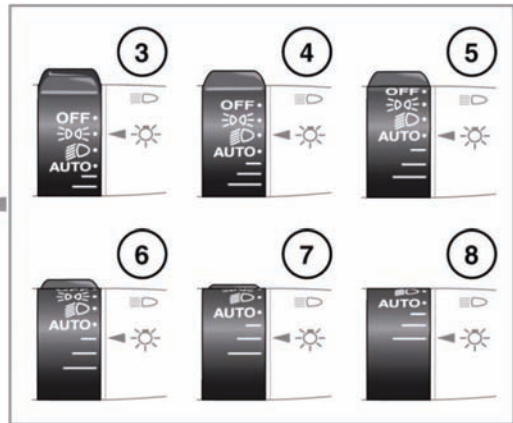
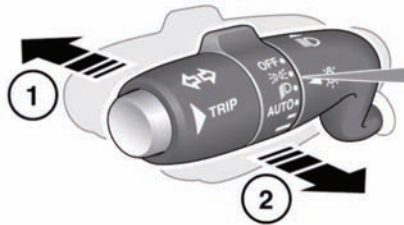


Do not use any electrical test equipment or devices in the vicinity of SRS components or wiring. Doing so may cause the system to trigger, or render the system inoperative.

All of the following operations should only be carried out by a Dealer/Authorised Repairer, or suitably qualified person:-

- Removal or repair of any wiring or component in the vicinity of any SRS components.
- Installation of electrical, or electronic, equipment and accessories.
- Modification to the front or sides of the vehicle exterior.
- Attachment of accessories to the front or sides of the vehicle.

LIGHTING CONTROL



E132401

1. With the headlamps on, push the switch away from the steering wheel to select high beam. The blue warning indicator on the instrument panel will illuminate.
2. Pull the switch towards the steering wheel and release to flash the high beam on and off. The high beam will remain on for as long as the switch is held.
3. Side lights.
4. Low beam.
5. When ambient light fades the side lights and headlamps will switch on automatically.
6. Exit delay of 30 seconds.
7. Exit delay of 60 seconds.
8. Exit delay of 120 seconds.

Note: If the rotary control is in the **AUTO** position there will be no exit delay and the headlamps will extinguish when the ignition system is turned off.

Press the headlamp button on the Jaguar Smart Key to switch off the headlamps during an exit delay period.

If the rotary control is moved to the **OFF** position, with high beam still activated, both low and high beam will be extinguished. Both low and high beam will illuminate when the headlamps are turned on again.

DIRECTION INDICATORS

In addition to normal operation, the indicators will operate 3 times (e.g. to indicate a lane change) if the stalk is briefly pushed up or down.

DAYLIGHT RUNNING LAMPS

In some countries, with the rotary control in the **OFF** or **AUTO** position, low beam headlamps, side lamps, tail, number plate lamps and, where fitted, side marker lamps will switch on automatically with the following conditions:

- The ignition is on.
- The gear selector is out of park.
- The parking brake is not applied (is released) - market dependent.

Exterior lights

APPROACH LAMPS

The headlamps can be illuminated remotely for a programmed length of time, by pressing the headlamp button on the Jaguar Smart key. See **5, UNLOCKING THE VEHICLE**. Press the button again to switch off.

Note: *In some markets, a second press will illuminate the reverse lamps and a third press is required to turn the lamps off.*

ADAPTIVE FRONT LIGHTING SYSTEM (AFS)

Adaptive front lighting is designed to give the driver improved visibility, using a swivelling headlamp unit, a static bending lamp and a cornering lamp. These lamps broaden the beam of the headlamps when cornering in different circumstances.

The headlamp unit swivels accordingly when cornering, to improve light spread on bends in the road.

Static bending lamps: The static bending lamps operate when necessary, to provide an even broader light spread.

Cornering lamps: At speeds up to 40 km/h (25 mph), to provide improved visibility at junctions, the system switches on the lamp if it has received an input from the vehicle's direction indicator. Only the lamp on the same side as the operating indicator illuminates. The lamp will self cancel after 3 minutes of continuous operation.

WINDSCREEN WIPER DETECTION

This function only operates when autolamps is selected. The side lamps, tail lamps and headlamps will switch on automatically if the windscreen wipers are switched on for 20 seconds or more. Once the windscreen wipers are switched off, the side lamps and headlamps will automatically switch off two minutes later.

AUTO HIGH BEAM

This feature automatically selects and deselects high beam, under specific conditions of road lighting and in the absence of other vehicle's lights. The system is only active when the ambient light drops below a predetermined level.

This function is only active if the rotary control is in the **AUTO** position and the stalk is in the central position.

The system will only activate when vehicle speed exceeds 25 mph (40 km/h). The system will deactivate when vehicle speed drops below 15 mph (24 km/h).

Note: *Auto high beam does not operate when reverse gear is selected.*

To manually select high beam, move the stalk to the high beam position as normal. To return to Auto high beam, move the stalk back to the central position.

To manually override to low beam from high beam, pull the stalk to the flash position and auto high beam will be cancelled. To return to auto high beam, push the stalk to the high beam position and then return it to the central position.



When auto high beam is enabled, the system indicator will illuminate.

Note: *The following may affect the operation of auto high beam:-*

- * *Highly reflective road signs.*
- * *Vehicles with dim headlamps.*
- * *Adverse weather conditions.*
- * *Dirty sensor.*
- * *Dirty, damaged, or misted windscreen.*

To turn off auto high beam, turn the rotary control from **AUTO** to headlamps on.

The Auto high beam feature can be disabled/enabled via the Vehicle set-up area of the instrument panel menu.

Note: *Ensure that the sensor in the rear view mirror is not blocked or obstructed.*

HEADLAMPS - DRIVING ABROAD

There are two types of headlamps:

1. Manually adjusted lamps.
2. Adjustment free lamps.

Manual headlamp beam adjustment: The headlamp beam pattern can only be changed by your Dealer/Authorised Repairer.



E135218

Adjustment free headlamps: If the headlamps are marked with the above symbols which are found on top of the headlamp, no mechanical adjustment is required or the need for any external obscuration decals.

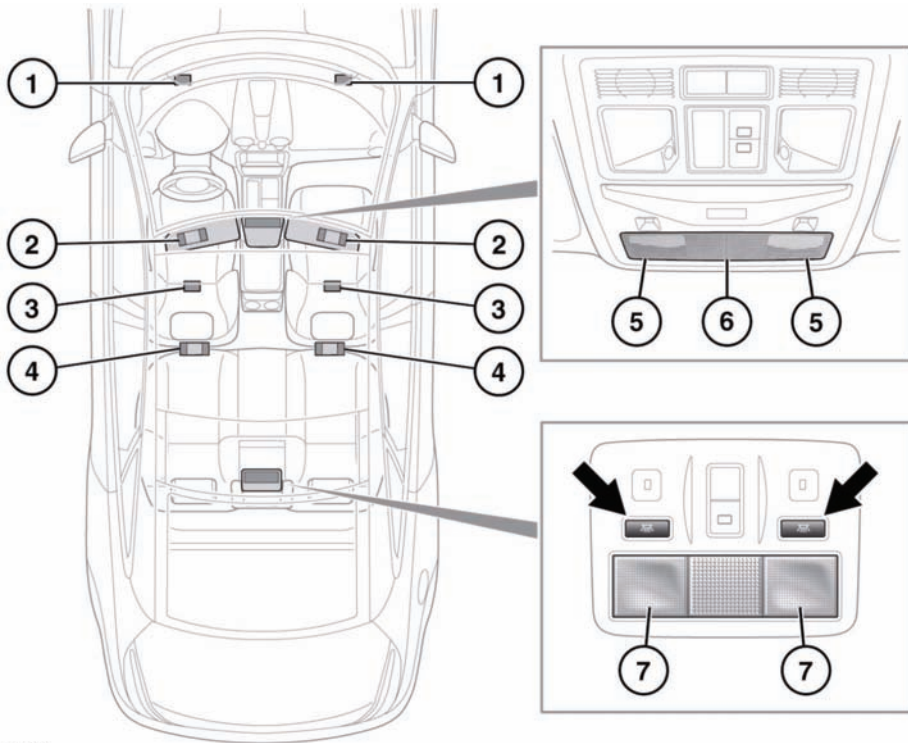
These headlamps are fully compliant with current homologation requirements in all ECE countries.

HEADLAMPS - CONDENSATION

In certain circumstances, misting may occur on the inside of a lamp lens. This is caused by natural changes in environmental conditions. This misting is not detrimental to lamp performance and will clear during normal usage.

Interior lights

INTERIOR LIGHTS



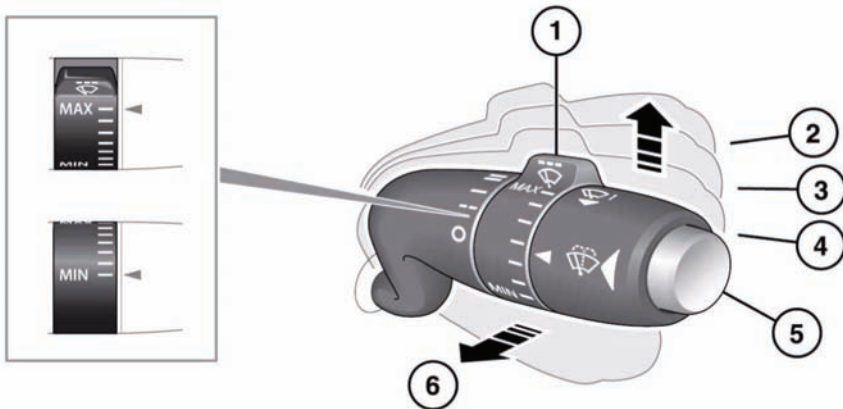
E132403

1. Front seat footwell illumination.
2. Vanity mirror lamps.
3. Rear seat footwell illumination.
4. Rear vanity mirror lamps (long wheelbase vehicles only)
5. Front reading lamps: Touch the lens briefly to switch on/off or for approximately 2 seconds to switch automatic illumination of the rear interior lamps on/off.
6. Front interior courtesy lamp: Illuminates when the doors are unlocked and extinguishes 20 seconds after all doors are closed or when the vehicle is locked.

The lamps are operated by proximity sensors. Move your finger close to (or touch) the appropriate lens to switch on/off. Touch the lens for 2 seconds to switch automatic illumination on/off (**Manual mode** or **Auto mode** is displayed in the message centre accordingly).

7. Rear interior and reading lamps: Switch on automatically when the doors are opened. Press the appropriate switch to activate a lamp manually

WIPER OPERATION



E132404

1. Rotate control to adjust sensitivity.
2. Fast speed wipe.
3. Normal speed wipe.
4. Rain sensor activated wipe.
5. Windscreen washer button.
6. Single wipe.

- ⚠ Do not operate the windscreen wipers on a dry screen.
- ⚠ In freezing or very hot conditions, ensure that the wipers have not stuck to the windscreen before operating.
- ⚠ Remove any snow, ice or frost from the windscreen, around the wiper arms and blades, and the screen scuttle, before operating the wipers.

Note: If the wiper blades become stuck or jammed, an electronic cut-out may temporarily halt wiper operation. If this happens, switch off the wipers and the ignition. Clear any obstructions and free the wiper blades, before attempting to switch on the ignition.

SPEED-DEPENDENT MODE

If vehicle speed drops below 2 km/h (1.2 mph) with the wipers operating, the wipers will switch to the next lowest speed. When vehicle speed increases to over 8 km/h (5 mph), the original wiper speed settings are restored.

RAIN SENSOR

- ⚠ Ensure that the wipers are switched off before entering a car wash. If the rain sensitive wipers operate during the car washing process damage may occur to the wiper mechanism.

The rain sensor is able to detect the presence and amount of rain, dirt or snow on the windscreen and automatically activates the windscreen wipers accordingly. Static droplets may not be detected on initial start-up, use a single wipe to clear the screen.

To activate the rain sensitive wipers, move the wiper stalk to the rain sensor position and adjust the rain sensor sensitivity control as required. When rain sensitive wipers are activated and when sensitivity is increased, a single wipe will operate.

Wipers and washers

WINDSCREEN WASHERS



Some screenwash products are flammable, do not allow screenwash to come into contact with sources of ignition.



Only screenwash products which are approved for automotive use should be used, and then only in accordance with the manufacturer's instructions.

To operate the wash/wipe, press and release the button on the end of the wiper stalk. The wipers will perform five normal speed wipes, followed by a drip wipe (if configured). The washers will operate during the first two wipes.

If the washers are operated with the wipers operating at normal or fast speed, the washer jets will operate for two wipes and operation of the wipers will not be affected.

Note: *If the button is pressed and held, the wipers and washers will operate at normal speed until the button is released (or for a maximum of 10 seconds).*

After the button is released, the wipers will operate for a further three wipes, followed by a drip wipe (if configured).

TIMED JET FUNCTION

If the timed jet function is configured, the washer jets will only operate on the up stroke of the wipers.



This function can be enabled/disabled by your Dealer/Authorised Repairer.

DRIP WIPE

If the drip wipe function is configured, the wipers will operate four seconds after a wash/wipe cycle has finished, to clear any remaining drips from the windscreen.



This function can be enabled/disabled by your Dealer/Authorised Repairer.

HEADLAMP WASHERS

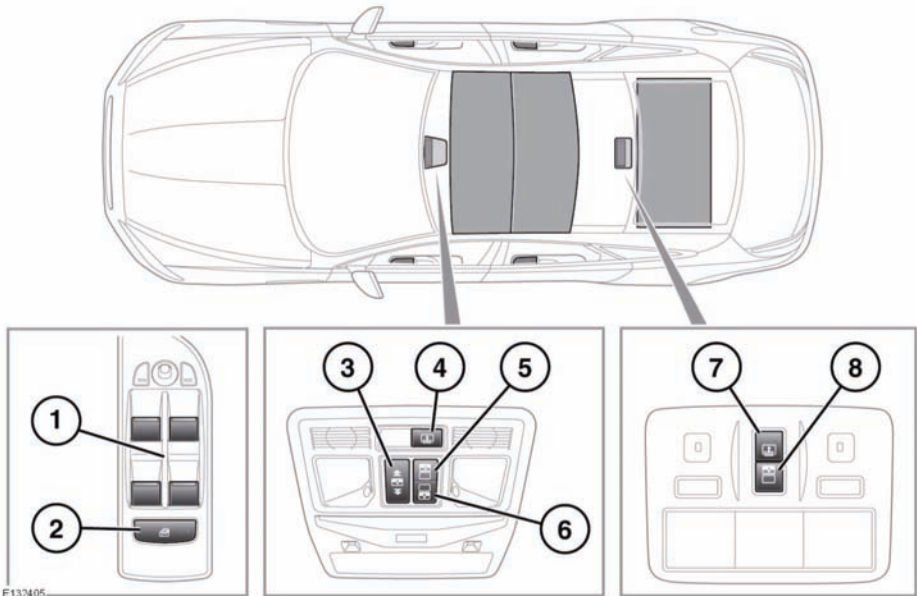
Headlamp power wash operates automatically with the windscreen wash, and will only operate if the headlamps are switched on and there is sufficient washer fluid in the reservoir.

Headlamp wash operates with every fourth operation of the screen washers, provided that ten minutes have elapsed since the last operation of the headlamp washers.

Note: *The power wash sequence is reset when the headlamps or the ignition are turned off.*

Headlamp power wash is inhibited when the low washer fluid warning is on.


ELECTRIC WINDOWS




E1332405

1. Window switches.

The windows will operate for five minutes after the engine is switched off, as long as none of the doors are opened.

 Any ice should be removed from the windows prior to operation.

2. Rear windows, rear electric seats and rear sunroof blind isolator.


 **If children are carried in the rear seats, the isolator switch should be used to prevent operation of the windows.**

3. Sunroof: Press once to tilt the roof. Once tilted, press again to open the roof.

Press to close the roof from tilt. From the fully open position, press once to close to the tilt position, then press again to close fully.

Roof movement can be halted at any time by pressing the button again.

Note: *The front roof blind will open when the roof is tilted or when the roof is fully opened.*

 The roof blinds are electrically operated. Do not try to operate them manually.

If the sunroof encounters resistance when closing it will stop, and then open fully. This is to prevent serious injury or damage to the mechanism.

4. Rear screen sun blind.

5. Rear sunroof blind. One push of the button will fully open or close the blind. Opening or closing cannot be halted part way.

6. Front sunroof blind. One push of the button will fully open or close the blind. Opening or closing cannot be halted part way.

Windows

Note: The blind cannot be closed when the sunroof is open.

7. Rear screen blind.
8. Rear sunroof blind. One push of the button will fully open or close the blind. Opening or closing cannot be halted part way.

ONE-TOUCH WINDOW OPERATION

The front windows have one-touch open operation. Briefly press the switch down fully and release, the window will lower until fully open.

The rear windows open in 2 stages:

- Briefly press the switch down fully and release; the window will open 65 - 75 mm (2.5 - 3 inches) to the comfort stop position.

Note: This position reduces resonance (booming sound) that can occur when driving with a front window open. Open the rear window on the same side of the vehicle as the open front window, to reduce resonance.

- Briefly press the switch down fully and release a second time, to fully open the window.

The front and rear windows also have one-touch close operation. Briefly pull the switch up fully and release, the window will rise until fully closed.

Pressing or pulling the switch again will stop a window in one-touch operation.

WINDOW ANTI-TRAP PROTECTION



Before closing a window, ensure that no occupants have any part of their body in a position where it could be trapped. Death or serious injury could occur, even with an anti-trap system.

Anti-trap protection is designed to stop window movement if an obstruction or resistance is detected. Check the window and its aperture and remove any obstructions. The override procedure is as follows:-

1. Attempt to close the window. Anti-trap will prevent closure and lower the window.
2. Within ten seconds, attempt to raise the window again. Anti-trap will prevent closure and lower the window.
3. Attempt to close the window for a third time, this time holding the switch in the close position. The window will raise whilst the switch is held. Hold until closed.

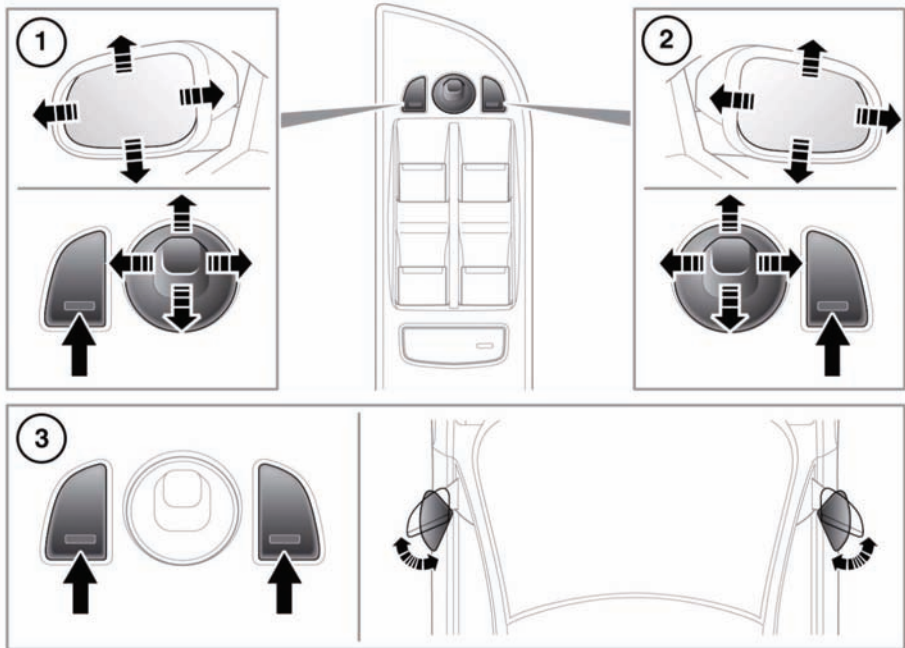
Note: If this procedure fails to remove the blockage, or if the windows do not operate correctly, the window operation may need to be reset. See **157, WINDOW RESET**.

SUNROOF ANTI-TRAP MECHANISM

The anti-trap mechanism can be overridden to allow the roof to be closed when movement is restricted by dirt. To override the anti-trap mechanism, press and hold the front of the switch until the roof reaches the closed position.

If the sunroof fails to operate correctly, it may need to be reset. See **156, SUNROOF RESET**.

EXTERIOR MIRRORS



E132474

1. Left mirror adjustment.
2. Right mirror adjustment.
3. Powerfold/unfold: Press both buttons simultaneously. This feature is inhibited at speeds over 110 km/h (70 mph).

The mirrors can be adjusted and folded when the ignition is on and for up to 5 minutes after the ignition is switched off, provided the driver's door is not opened.

Press the appropriate button to select the mirror to be adjusted (button indicator illuminates), then use the joystick control to adjust the mirror glass.

Note: Depending on the type of lens used, distances may be difficult to judge accurately when only using the mirrors.



The mirrors can be configured to automatically fold when the vehicle is locked and unfold when unlocked. This feature can be enabled or disabled by your Dealer/Authorised Repairer.

If the mirrors are accidentally knocked out of position (i.e. so only one is folded), press both buttons simultaneously to resynchronise.

Note: If the mirrors were folded using the switches, they will not unfold when the vehicle is unlocked.

Mirrors

Note: Up to 3 different exterior mirror positions can be stored and recalled using the driving position memory feature. See **15**, **DRIVING POSITION MEMORY**.

MIRROR DIP WHEN REVERSING







The mirrors can be configured so that when reverse gear is selected, the passenger door mirror is automatically adjusted to provide an improved viewing angle for reversing.

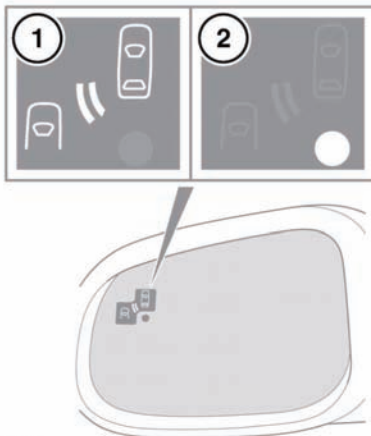
The exact dipped position can be adjusted using the joystick control, when the mirror is dipped. The next time reverse is selected, the newly adjusted position will be selected.

When the gear selector is moved out of reverse, or if vehicle speed exceeds 12 km/h (7.5 mph) while reversing, the mirror will return to its previous position.

Mirror dip can be selected or deselected from the instrument panel menu. Select **Features** from the **Vehicle Settings** menu, then select the desired option from the list.

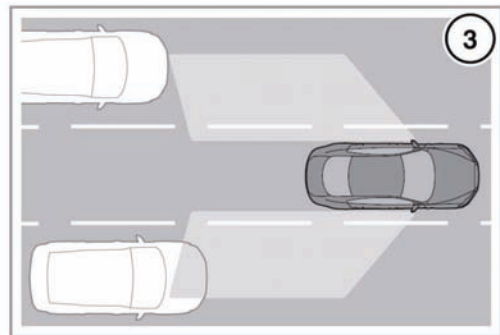
BLIND SPOT MONITOR

-  The Blind Spot Monitor (BSM) system is a supplement to, not a replacement for, a safe driving style and use of the exterior and rear-view mirrors.
-  Please note that BSM may not be able to give adequate warning of vehicles approaching very quickly from behind or vehicles that are being overtaken rapidly.
-  BSM may not be able to detect all vehicles and may also detect objects, such as roadside barriers, etc.
-  The radar sensors may be impaired by rain, snow or road spray. This may affect the system's ability to reliably detect a vehicle/object within the blind spot.
-  Ensure that the warning indicators in the exterior mirrors are not obscured by stickers or other objects.
-  Do not attach stickers or objects to the rear bumpers, that may interfere with the radar sensors.



E132412

The Blind Spot Monitor (BSM) system monitors a zone that covers the area adjacent to the vehicle, that is not easily visible by the driver and is designed to identify any object overtaking the vehicle (3). The system uses a radar on each side of the vehicle to identify any overtaking vehicle/object within the blind spot area of the vehicle, while disregarding other objects which may be stationary or travelling in the opposite direction, etc.



If an object is identified by the system as being an overtaking vehicle/object, an **amber** warning icon (1) illuminates in the relevant exterior mirror, to alert the driver that there is a potential hazard in the vehicle's blind spot and therefore, that a lane change might be dangerous.

The radar monitors the area extending from the exterior mirror rearwards, to approximately 6 metres (20 feet) behind the rear wheels, and up to 2.5 metres (8.2 feet) from the side of the vehicle (the width of a typical carriageway lane).

Blind spot monitoring

Note: This radar sensor is approved in all RTTE countries.

Note: The system covers an area of a fixed lane width. If the lanes are narrower than a typical carriageway lane, objects travelling in non-adjacent lanes may be detected.

BSM automatically switches on and becomes active when the vehicle is travelling at more than 16 km/h (10 mph) in a forward gear. When the system initiates, it performs a self-check, during which the warning icons in the mirrors illuminate alternately for a short period of time.

The indicator dot (2) remains illuminated until forward vehicle speed exceeds 16 km/h (10 mph).

BSM can be turned off in the **Vehicle settings** area of the instrument panel menu. See **53, INTERACTIVE CONTROLS**.

BSM is designed to work most effectively when driving on multi-lane highways.

Note: If an overtaking vehicle is detected on both sides of the vehicle simultaneously, the warning icons in both mirrors will illuminate.

Note: BSM is automatically turned off when reverse (R) gear is selected, when the vehicle is in park (P), the vehicle is travelling below 16 km/h (10 mph). Under these conditions, an amber warning indicator within the exterior mirror is displayed.

SENSOR BLOCKAGE

The BSM system will automatically disable if either of the sensors become completely obscured, an amber warning indicator dot (2) is displayed in the exterior mirror and the message **BSM sensor blocked** appears in the message centre.

Note: Blockage testing is only initiated when vehicle speed is above 32 km/h (20 mph) and will take at least two minutes of accumulated driving above this speed, to determine that the sensor is blocked.

If the sensors become blocked, then please check that there is nothing obscuring the rear bumper and that it is clear from ice, frost and dirt.




BSM SYSTEM FAULT

If a fault with one of the radar sensors is detected, an amber warning indicator dot is displayed in the exterior mirror and the message **BSM not available** is displayed in the message centre.

Note: Even if the detected fault only affects the radar sensor on one side of the vehicle, the whole system is disabled. If the fault is temporary, the system will operate correctly once the engine has been switched off and then on again.

If a fault in the system occurs, consult your Dealer/Authorised Repairer.

GARAGE DOOR TRANSCIVER

-  **Do not use the transceiver with any garage door opener that lacks the safety stop and reverse feature as required by safety standards.**
-  **When programming the transceiver to a garage door opener or entry gate, ensure the area is clear. This will prevent potential harm or damage as the gate or garage door will activate during the programme.**
-  This device may suffer from interference if operated in the vicinity of a mobile or fixed station transmitter. This interference is likely to affect the hand-held transmitter as well as the in-car transceiver.


The door transceiver is located in the rear-view mirror. It can be programmed to transmit the radio frequencies of up to three different transmitters, which can be used to operate garage doors, entry gates, home lighting, security systems or other radio frequency operated devices.

Although this section mainly describes the procedures for a garage door opener, it equally applies to the previously mentioned applications.

In some countries, this feature is also known as the HomeLink® Universal Transceiver.

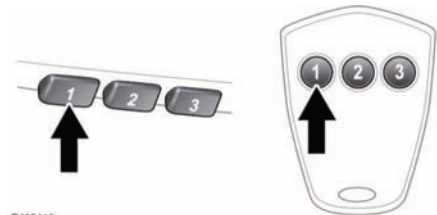
For further information, see **47, INFORMATION AND ASSISTANCE**.

BEFORE PROGRAMMING

-  When programming a device that may require you to press and re-press the hand-held transmitter (cycle), unplug the device during the cycling process to prevent possible motor failure.

For best results, fit a new battery to the hand-held transmitter of the garage door opener (or other device) before programming. If your garage door opener receiver (located in the garage) is equipped with an antenna, ensure that the antenna is hanging straight down.

PROGRAMMING



E132413

Ensuring that the engine is switched off:

1. Ensure that the ignition system is on.
2. Hold the end of the original garage door opener hand-held transmitter 50 to 150 mm (2 to 6 inches) away from the transceiver in the rear-view mirror, keeping the indicator lamp in view.
3. Using both hands, simultaneously press and hold both the chosen transceiver button on the rear-view mirror, as shown above, and the hand-held transmitter button. Keep both buttons pressed. The indicator lamp will flash slowly at first and then change to a fast flash. When the indicator lamp flashes rapidly, release both buttons. The rapid flashing lamp indicates successful programming.
4. If, after 60 seconds, the indicator lamp does not flash rapidly, release both the transceiver and the hand-held transmitter buttons and repeat the procedure starting with Step 2. Position the hand-held transmitter at a different angle and/or distance.

Garage door opener

5. Press and hold the programmed garage door opener button and observe the indicator lamp.
 - If the indicator is continuous, programming is complete and your device should operate when the garage door opener button is pressed and held for approximately 1 to 2 seconds and then released.
 - If the indicator lamp blinks rapidly for two seconds and then illuminates continuously, proceed with the following programming instructions for rolling code device equipment.

TO ERASE ALL PROGRAMMING

For first time programming, ensure that the engine is switched off:

1. Ensure that the ignition system is in convenience mode (see **9, CONVENIENCE MODE**).
2. Press and hold the two outer buttons on the transceiver in the rear-view mirror. Keep the buttons pressed until the indicator lamp begins to flash (this will take approximately 20 seconds), then release the buttons.

All memories in the garage door opener have now been cleared.

Note: Do not perform this procedure when programming the additional garage door opener buttons.

ROLLING CODE DEVICE EQUIPMENT PROGRAMMING

Note: The assistance of a second person, may make the following steps quicker and easier. Once the button has been pressed there are only 30 seconds in which to complete Step 3.

1. At the garage door opener receiver (motor head unit) in the garage, locate the learn or smart button/switch. The name of the button or switch may vary between manufacturers.
2. Press and release the learn or smart button.
3. Return to the vehicle and firmly press and hold the programmed garage door opener button for two seconds and release.
4. Repeat the press, hold, release sequence three times to complete the programming process.

The garage door opener in the rear-view mirror should now activate the rolling code device.

REPROGRAMMING A SINGLE GARAGE DOOR OPENER BUTTON

To programme a device to a previously programmed button:

1. Press and hold the desired pre-programmed garage door opener button for at least 20 seconds, but no longer than 30 seconds, until the indicator lamp begins to flash.
2. Without releasing the rear-view mirror button, position the hand-held transmitter approximately 50 to 150 mm (2 to 6 inches) away from the transceiver in the rear-view mirror, keeping the indicator lamp in view.
3. Carry out Step 3 of **Programming**.

ENTRY GATE PROGRAMMING

The technology of some entry gates requires you to press and re-press (cycle) the hand-held transmitter button every two seconds during programming.

Continue to press and hold the desired rear-view mirror button while you cycle your hand-held transmitter until the indicator lamp flashes rapidly.

INFORMATION AND ASSISTANCE



It is recommended that when you sell or dispose of the vehicle, the programmed transceiver buttons be erased for security purposes.

For information on the range of available compatible products or accessories, or for assistance, you should contact your Dealer/ Authorised Repairer.

You can also contact the supplier's helpline on 0 0800 0466 354 65. This toll-free number can be called from anywhere within Europe. No separate country code is required (the first zero is not required when calling from within Germany).

Contact can also be made via the internet. The website address is www.eurohomelink.com. The e-mail address is info@eurohomelink.com.

Note: *Keep the original transmitter for future use or programming procedures if, for example, you purchase a new vehicle.*

Note: *The manufacturer is not responsible for any radio or TV interference caused by unauthorised modifications to this equipment. Such modifications could void the user's authority to operate the equipment.*

Warning lamps

WARNING LAMPS AND INDICATORS

RED warning lamps are for primary warnings. A primary warning must be investigated immediately, seek qualified assistance if necessary.

AMBER warning lamps are for secondary warnings. Some indicate that a vehicle system is in operation, others indicate that the driver must take action and then seek qualified assistance as soon as possible

Other warning lamps within the instrument panel indicate system status, such as blue for main beam and green for direction indicators, when in operation.

LAMP CHECK

A warning lamp bulb check is initiated when the ignition system is switched on and lasts for 3 seconds (except for the airbag warning lamp which will remain on for 6 seconds). If any warning lamp remains on after this period, investigate the cause before driving.

Some warning lamps have associated messages displayed on the message centre.

Note: *Not all warning lamps are included in the check (e.g. high beam headlamps and direction indicators).*

CRITICAL WARNING MESSAGE (RED)



Illuminates when a critical warning message is available in the message centre.

GENERAL WARNING/INFORMATION MESSAGE (AMBER)



Illuminates when a non-critical warning message or an information message is available in the message centre.

BRAKE (RED)



Do not drive if the message Brake Fluid Low is displayed. Check the brake fluid level and top-up as necessary. If necessary, seek qualified assistance before continuing.



Illuminates when the brake fluid is low. The warning lamp will also illuminate when there is a fault with the Electronic Brakeforce Distribution (EBD) system.

If the lamp is illuminated and the message **Brake Fluid Low** is displayed on the message centre, loss of braking in one or both brake circuits may be imminent. Stop the vehicle gently and check and top-up the brake fluid reservoir, using the recommended fluid. If the warning message remains, do not drive the vehicle until the brake fault is rectified. Seek qualified assistance before continuing.

If the lamp illuminates and the message **EBD FAULT** is displayed in the message centre, a fault with the EBD system is indicated. The braking system will still function, but without EBD assistance.

Have the fault rectified by your Dealer/ Authorised Repairer.

PARKING BRAKE (RED)



Illuminates when the parking brake is applied. If the lamp illuminates and Caution! Park Brake Applied is displayed, the vehicle is moving with the parking brake applied. Release the parking brake or stop the vehicle.

If the lamp flashes, there is a fault and the parking brake cannot be applied. Seek qualified assistance.

SEAT BELT (RED)



The warning lamp stays illuminated when the ignition is on and:

- The driver's seat belt is not fastened.
- or a passenger is sitting in the front seat and their seat belt is not fastened.

The lamp should extinguish when the relevant seat belt is fastened.

BELTMINDER (RED)



The beltminder feature, which uses the same warning lamp as the seat belt warning, provides reminders to the driver that the driver's and/or front passenger's seat belt is unbuckled.

If the vehicle is moving at or above 16 km/h (10 mph) and the seat belt of an occupied seat is not fastened, the warning lamp will flash.

The flashing will last for 10 seconds and then repeat every 10 seconds for approximately five minutes or until the belt(s) is fastened or the vehicle stops.

The lamp will also flash (and a chime will sound) if a rear seat belt becomes unbuckled whilst the vehicle is moving.

If the warning lamp stays illuminated with the seat belt(s) fastened, seek qualified assistance as soon as possible. It is safe to drive the vehicle with the lamp illuminated, provided that the seat belt(s) is properly fastened.

Ensure that all occupants fasten their seat belt before driving.

Note: *If a heavy object is placed on the front passenger seat, it may activate the Beltminder feature. It is recommended that the object be placed in the luggage compartment.*

Note: *Although not advisable, it is possible to disable the Beltminder function. Contact your Dealer/Authorised Repairer to disable or reinstate the function.*

ANTI-LOCK BRAKING SYSTEM (ABS) (AMBER)



If the ABS and brake warning lamps are illuminated at the same time, do not drive the vehicle until the fault is rectified. Seek qualified assistance immediately.



Illuminates if a fault has been detected in the ABS (accompanied by a warning message in the message centre).

The brake system will continue to function, but without ABS assistance.

Warning lamps

If the warning lamp illuminates or stays illuminated after the bulb check cycle, seek qualified assistance as soon as possible.

ADAPTIVE FRONT LIGHTING SYSTEM (AMBER)



Illuminates when there is a system fault. The headlamps will still operate, but without this feature operating correctly. Seek qualified assistance as soon as possible.

ENGINE MALFUNCTION (AMBER)



Illuminates when the ignition is on and remains illuminated until the engine is started.

If the lamp illuminates when the engine is running, there is an engine malfunction.

Specialised diagnostic equipment is required to repair such faults. Seek qualified assistance as soon as possible.

The vehicle can still be driven, but may activate limp-home mode, with the possibility of reduced engine performance.

DYNAMIC STABILITY CONTROL (DSC) (AMBER)



Flashes when DSC is active.

If there is a fault, this warning lamp will illuminate in the instrument panel and the message centre will display **DSC NOT AVAILABLE**.

The vehicle can still be driven, but the DSC system will not activate under wheel spin or slide conditions. You should seek qualified assistance as soon as possible.

If Trac DSC is selected, the warning lamp will also illuminate and the message **Trac DSC** is displayed for four seconds.

DYNAMIC STABILITY CONTROL (DSC) OFF (AMBER)



Illuminates when DSC is switched off. A chime will also sound and the message DSC OFF is displayed in the message centre.

REAR FOG LAMPS (AMBER)



Illuminates when the rear fog lamps are switched on.

ADAPTIVE CRUISE CONTROL (AMBER)



Illuminates when adaptive cruise control is active, to indicate that the vehicle is in follow mode.

AIRBAG (AMBER)



Illuminates if the airbag system develops a fault. Seek qualified assistance as soon as possible.

AUTOMATIC SPEED LIMITER (AMBER)



Illuminates when Automatic Speed Limiter is active.

TYRE PRESSURE MONITORING SYSTEM (YELLOW)



Illuminates when one or more tyres are significantly under-inflated. The vehicle should be stopped as soon as possible and the tyres checked and inflated to the recommended pressure.

HIGH BEAMS (BLUE)



Illuminates when the high beam headlamps are switched on or flashed.

AUTO HIGH BEAM (GREEN)



Illuminates when auto high beam is enabled.

FORWARD ALERT (GREEN)



Illuminates when Forward alert is active.

SIDE LIGHTS (GREEN)



Illuminates when the side (parking) lamps are switched on.

DIRECTION INDICATORS (GREEN)



The appropriate warning lamp will flash when the column stalk is moved up or down to signal a turn. If a direction indicator bulb fails, the audible ticking and warning lamp will sound and flash at twice the normal rate, when that direction indicator is selected.

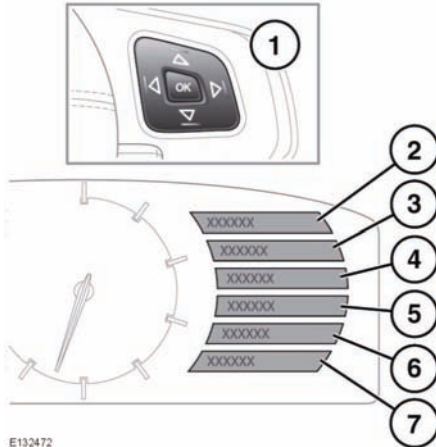
Warning lamps

AUDIBLE WARNINGS AND INDICATORS

Hazard or Condition	Chime or tone/remedy
External lamps remain on when the driver's door is opened.	A chime will sound until the lamps are switched off or driver's door is closed (unless the lighting control is in AUTO position).
Hazard warning indicators on.	A ticking will sound until the hazard indicators are switched off.
Direction indicators on.	A ticking will sound until the indicators are switched off.
Memory 1 (2 or 3) settings saved.	A short tone as the memory selection is saved.
Seat belt reminder.	A chime will sound if a seat belt is unbuckled whilst the vehicle is moving. The warning will cease if the occupied seat's belt is re-buckled, the ignition is turned off or more than 3 minutes has elapsed.
Electric parking brake (EPB).	If the EPB is applied while the vehicle is moving a continuous chime will sound; release the EPB. If there is a fault with the system which would prevent the application of the EPB, a brief sequence of chimes is initiated.
Adaptive Cruise Control (ACC) driver intervene.	Multiple chime. Apply the brakes.
ACC low speed automatic switch off.	A chime will sound to indicate that the ACC system is no longer operating.
Speed is over 15 km/h (9 mph) above the set limit speed.	A short warning chime. Reduce speed.
Gear selector is not in Park with ignition off.	A chime will sound. Select Park.
Entry delay warning (European markets only).	Intermittent slow, low pitched chime. Disarm vehicle.
The Jaguar Smart Key cannot be detected.	A chime will sound. Hold the Smart Key close to the auxiliary switch pack. See 5, UNLOCKING THE VEHICLE .
DSC OFF	A chime will sound.

INTERACTIVE CONTROLS

The virtual instrument panel menus are navigated and items are selected, using the joypad control on the steering wheel.



E132472

Note: Items 2 - 7, as listed below, are the choices available in the main menu.

1. Joypad control: Press any of the controls to activate the menu, then use as follows:
 - Press the up/down arrow to scroll up or down through a list (the button highlight will move accordingly).
 - Press the right arrow to view a sublist.
 - Press the left arrow to return to the previous menu.
 - Press the **OK** button to select the highlighted item from a list.

Note: If the menu is activated and then the joypad control is not used for 10 seconds, the menu will time-out and will be cancelled. Once the joypad has been used, the time-out period extends to 30 seconds.

2. Select to close the menu.
3. Select to view any current warning messages.

4. Select to access the Vehicle settings menu.
5. Select to access the Trip computer menu.
6. Select to access the Display settings menu.
7. Select to access the Service menu - only available with the ignition on and the engine not running.

Use the joypad to navigate through subsequent menus and to select or change settings as required.

Message centre

WARNING AND INFORMATION MESSAGES



Do not ignore warning messages. Take appropriate action and, when necessary, seek qualified assistance before driving the vehicle.

If more than one message is active, each is displayed in turn for 2 seconds in order of priority.

Note: The message centre messages and their meanings, are detailed where necessary within the appropriate subject sections.

TRIP COMPUTER

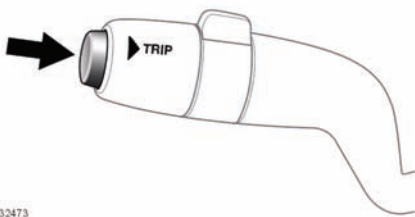
The computer memory stores data for a journey or series of journeys until it is reset to zero.

The displayed information is for guidance only, as it can be affected by traffic, road and weather conditions.

Three independent memories are available, A, B and Auto. A and B memories can be reset independently, while the Auto trip will reset after every ignition cycle as the vehicle moves.

Trip computer information is displayed on the instrument panel.

USING THE TRIP COMPUTER



E152473

Press the **TRIP** button on the end of the left column stalk repeatedly to display the trip data in the following order:

- Odometer.

- Trip distance.
- Average speed.
- Average fuel consumption.
- Instantaneous fuel economy.
- Range.
- Blank.

To reset the displayed trip data, press and hold the **TRIP** button.

TRIP DISTANCE

Distance travelled since the last memory reset. The maximum trip reading is 9 999.9 (kilometres or miles). The computer will automatically reset to zero if this distance is exceeded.

RANGE

This shows the predicted distance, miles or kilometres, that the vehicle should travel on the remaining fuel, assuming fuel consumption stay constant.

ML-KM (ALSO MILES-LITRE)

The display of imperial, mixed or metric units is selected via the instrument panel menu.

SERVICE INTERVAL INDICATOR

The service interval message will only be displayed when the vehicle has less than 3200 km (2000 miles) before the service is due.

When the ignition is switched on, and the vehicle has started its service countdown, **SERVICE REQ'D XXXX km (XXXX MLS)** is displayed in the message centre.

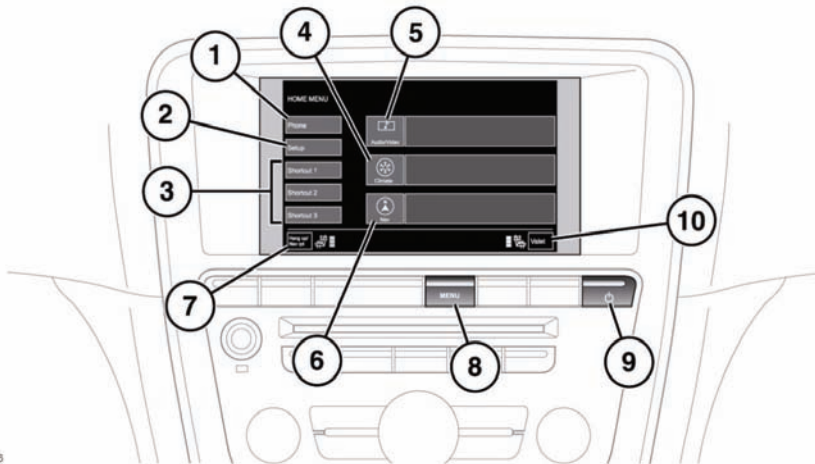
When the service distance has been reached, **SERVICE REQUIRED** is displayed in the message centre.



If no service interval indicator is displayed during the vehicle service cycle, make sure that your vehicle is serviced in accordance with the intervals, as stated in the Service Portfolio.

Touch screen

TOUCH SCREEN HOME MENU



E 132476

1. Touch to view the **Phone** menu.
2. Touch to view the touch screen **Setup** menu.
3. Home menu presets: 3 items can be selected as presets on the home menu. See **57, TOUCH SCREEN SETUP**.
4. Touch to select the **Climate** menu. Internal front left and right temperature settings and external temperature are shown alongside the soft key.
5. Touch to select the **Audio/Video** menu. An overview of current audio/video information is shown alongside the soft key.
6. Touch to select the **Navigation** menu. Current set destination is shown alongside the soft key.
7. Touch to end a call when using the phone, or to repeat the last given navigation instruction.
8. Press to return the touch screen to the **Home** menu.
9. Press to turn the touch screen on or off.

10. Touch to select **Valet** mode.

Note: To enter/exit Valet mode, the correct PIN will need to be entered. See **58, SELECTING VALET MODE**.

When an alternative menu is selected, short cut soft keys to the **Audio/Video**, **Climate**, **Phone** and **Nav** (navigation) menus appear along the bottom of the touch screen.

TOUCH SCREEN USE

- !** Always run the engine during prolonged use of the touch screen.

The buttons on the centre console, below the touch screen display, are referred to as **hard buttons** and should be pressed firmly. The touch screen buttons are referred to as **soft keys** and only require light pressure to function. Do not use excessive pressure.

TOUCH SCREEN DISPLAY ICONS

Touch screen display icons are as follows (they may not all be displayed at the same time):



Audio/Video: Touch to select the Audio/Video menu.



Climate: Touch to select the Climate control menu.



Navigation: Touch to select the Navigation menu.



Back soft key: Touch to return to the previous screen displayed.



Shows the current status of the relevant heated/ventilated seat.

TOUCH SCREEN CARE



Do not use abrasive cleaners on the touch screen. For approved cleaning products, contact your Dealer/ Authorised Repairer.

TOUCH SCREEN SETUP

- Select **Setup** from the Home menu.

Touch screen setup is split into 3 categories: **Screen**, **System** and **Vehicle**, as detailed below.

SCREEN SETTINGS

- **Brightness/Contrast:** Select to adjust the touch screen brightness and contrast levels and to turn auto-dimming (for night driving) on or off.
- **Screensaver:** Select to change the screensaver. Touch an option to select.
- **Screen animations:** Select to turn animated transitions between screens on or off.

- **Time out to home menu:** Select to set the length of time before an unused screen reverts to the Home menu, or to turn this feature on or off.

SYSTEM SETTINGS

- **Button feedback:** Select to turn the soft key use confirmation tone on or off.
- **Clock adjust:** Select to change the clock between 12 and 24 hour display. Use the arrow soft keys to alter the time.

Select **Date** to change the date, or to alter the date format (dd/mm or mm/dd).

Select **Set**, to store any changed settings.

- **Home menu shortcuts:** Select to choose the 3 items from the displayed list, that you wish to appear on the Home menu as shortcuts.

Touch an item from the list to select, select **Clear all** to deselect all items.

- **Language:** Select to change the vehicle Voice between **Male** and **Female** or to change the system language. Touch **Change** and select the desired language from the displayed list. Follow the on-screen instructions to confirm.
- **Volume presets:** Select to alter the volume for the various audible systems (traffic and news announcements, parking aid, phone etc.).

VEHICLE SETTINGS

- **Ambience lighting:** Select to adjust the lighting level. Adjusting to the minimum level, turns ambience lighting off.
- **Valet mode:** Select to turn Valet mode on or off.

Note: To enter/exit Valet mode, the correct PIN will need to be entered. See **58, SELECTING VALET MODE**

Touch screen

SELECTING VALET MODE

Valet mode allows the vehicle to be locked by a parking attendant, without giving access to the luggage compartment and glove compartment. Valet mode also prevents operation of the touch screen, to prevent access to telephone numbers or navigation addresses.

From the **Home** menu, select **Valet**:

Enter a four digit Personal identification Number (PIN) (personally chosen). On completion, touch the **OK** soft key.

If you wish to cancel the PIN, select **Delete**.

If the PIN is cancelled, or incorrectly entered, you will be prompted to enter the PIN again.

Valet mode activated is displayed to indicate that the PIN has been accepted.

The luggage compartment and glove box are now securely locked in Valet mode and the Valet mode On screen is displayed.

On exiting and securing the vehicle, hand the Jaguar Smart Key to the attendant.

DESELECTING VALET MODE

When you enter the vehicle, touch the **Valet** button to view the Valet mode screen.

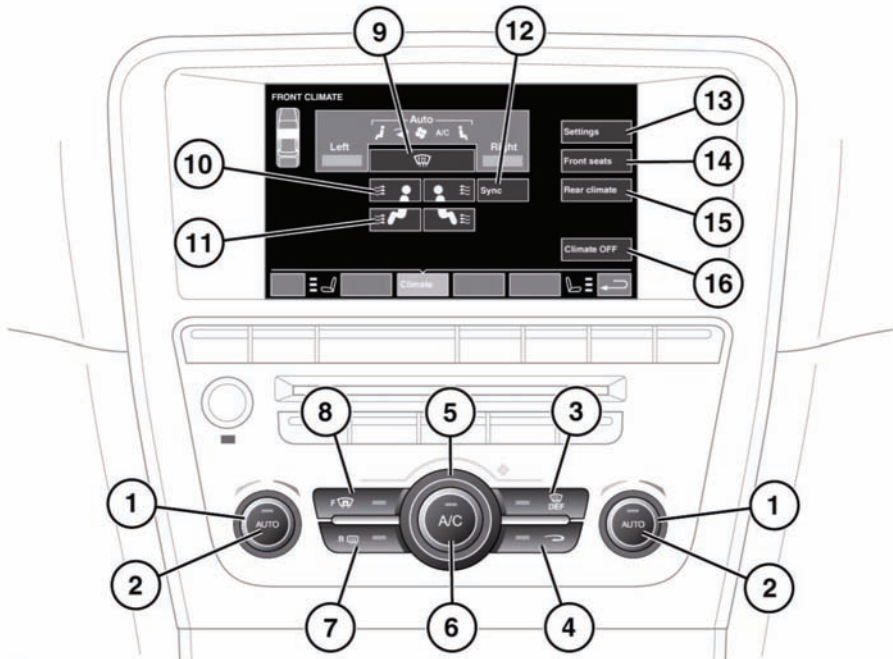
Enter your four digit PIN and touch the **OK** button.

Valet mode deactivated is displayed to indicate that your PIN has been accepted.

- The luggage compartment will return to the previously set security requirement.
- The glove box will now open as normal.
- The touch screen will be enabled.

Note: *If the PIN is forgotten, Valet mode can only be deactivated by your Dealer/Authorised Repairer.*

FRONT CLIMATE CONTROL



E132484

To access the front climate menu on the touch screen, select **Climate** from the home menu.

1. Temperature control: Rotate to adjust temperature (16°C - 28°C [59°F - 83°F]). The temperature is displayed on the touch screen (**HI** or **LO** is displayed when the maximum or minimum setting is selected).
2. AUTO control: Press to switch automatic operation on/off. This will also turn on the heating and ventilation system if it has been turned off.
3. Defrost: Press to remove frost or heavy misting from the windscreen. This setting activates the blowers, air-conditioning, front and rear screen heaters and prohibits recirculation, to achieve a rapid defrost.
4. Recirculation: Press briefly to select timed recirculation. Press and hold to select latched recirculation. Press again to switch off.
5. Blower speed: Rotate to adjust blower speed.
Blower speed is automatically set in Auto mode. Adjusting the blower speed will cancel Auto mode.
With blower speed at minimum, rotate the control anticlockwise to switch the climate system off.
6. Air conditioning: Press to switch on/off. The air conditioning system can be switched on/off independently of the other climate control functions.
7. Rear screen heater: Press to switch on/off.

Heating and ventilation

8. Front screen heater: Press to switch on/off.
9. Air distribution to screen: Touch to turn on/off.
10. Air distribution to face: Touch to turn on/off.
11. Air distribution to feet: Touch to turn on/off.
12. Sync climate: Select to change all front and rear passenger climate settings to match that of the driver's. Select again or change a passenger's settings to cancel.
13. Settings: Select to alter the sensitivity of the air quality sensor, or to select °C or °F as the default temperature unit.
14. Front seats: Select to adjust the front seat temperature, ventilation and massage settings.
15. Rear climate: Select to view the rear climate control menu. Select the Back button to return to the front climate menu.
16. Climate off: Select to switch off the climate control systems. Select again to turn on.

In addition to the selectable controls, the climate menu displays symbols that indicate the status of heating and ventilation functions.

Note: *If the climate control system is switched off, pressing an AUTO button or the Defrost button, will switch the climate system on.*

HEATED SCREENS

With the engine running, the front (F) and rear (R) screen heaters, may be switched on and off in any mode, including with the climate control system off.

The front screen heater switches off automatically after 5 minutes, the rear screen heater after 21 minutes.

In cold ambient conditions, the screen heaters will switch on automatically when the engine is started. The screen heaters will also activate automatically at temperatures below 5°C (41°F).

RECIRCULATION

- Press briefly to activate timed recirculation. The button indicator illuminates when recirculation is on.
- Press and hold the button to activate latched recirculation. The button indicator will flash and then illuminate constantly.
- To cancel recirculation, press the button briefly.

When selected, the air is recirculated inside the vehicle. This helps to maintain a high or low temperature, and is useful for preventing fumes from entering the vehicle.

Timed recirculation: Recirculation will switch off automatically after a set time (dependent on the ambient temperature).

Latched recirculation: Recirculation will remain on until the button is pressed again.

Note: *Prolonged use at low temperatures may cause the windows to mist.*

Recirculation may also be selected in AUTO mode, if the climate control system detects high levels of pollution in the atmosphere outside the vehicle (if an air quality sensor is fitted). Manual operation of the recirculation control will override the automatic setting.

AIR QUALITY SENSOR

If the air quality sensor detects pollution, air recirculation is selected automatically to reduce pollutants entering the vehicle.

The sensitivity of the sensor can be adjusted using the touch screen:

1. Select **Settings** from the Climate menu.

2. Touch the +/- buttons on the screen to increase/decrease sensitivity.

To switch the function off, decrease sensitivity to the minimum setting.

EXTERNAL TEMPERATURE

The external temperature is displayed at the top of the Climate menu and in the instrument panel.

When the external temperature is low enough that ice may be present on the road, an amber snowflake warning lamp will illuminate in the instrument panel.

AUTOMATIC CLIMATE CONTROL

AUTO mode should be used as the normal operating mode. The air conditioning, heating and ventilation controls automatically provide an optimum environment at the selected temperature.

Note: *Screen heating and timed air recirculation may be selected in AUTO mode. Any other manual adjustment cancels AUTO operation.*

Note: *Water expelled by the air conditioning may collect underneath the vehicle when parked. This is not cause for concern.*

TEMPERATURE CONTROLS

The driver and three separate passenger zone temperatures can be independently adjusted using the rotary controls. Alternatively, using the touch screen, touch the red button to increase and the blue button to decrease temperature.

The temperature for each zone is displayed on the relevant (front or rear) climate menu.

Note: *The maximum possible temperature differential between the driver and passenger settings is 3°C (5.4°F).*

SEAT MENU BUTTON



Press to access the front seat heating, ventilation and massage controls on the touch screen.

HEATED SEATS

Note: *The seat heaters will only operate when the engine is running.*

The heated seats are controlled through the touch screen.

To access the heating controls for front seats:

- Press the seat menu button on the fascia.
- Or, select the seat icon on the touch screen navigation bar.
- Or, from the Climate menu, select **Front seats**.

To access the heating controls for rear seats from the front touch screen:

- From the Climate menu, select **Rear climate**, then select **Rear seats**.

To adjust the seat temperature:

- Touch the upper (red) or lower (blue) arrow for the relevant seat repeatedly, to select one of three temperature settings (as indicated by the bars adjacent to the arrows).
- If no bars are illuminated, the seat heaters are switched off.

CLIMATE SEATS

Note: *The climate seats will only operate when the engine is running.*

Note: *The climate seats are based on a forced airflow circulation system and must not be used in conjunction with accessory fit covers or protective covers as the airflow will be restricted.*

Heating and ventilation

Note: Climate seat sound levels are different between heating and cooling cycles due to different fan speeds.

Note: Ventilated seats have been developed to enhance seat journey comfort and whilst they can be set to heat or cool the seats, it should be noted that this effect is not instantaneous and is linked to cabin temperature.

Seat ventilation is controlled through the touch screen or by the buttons in the rear control panel. Ventilation can be heated or cooled and can be selected for the whole seat or backrest only.

To access the ventilation controls for front seats:

- Press the seat menu button on the fascia.
- Select the seat icon on the touch screen navigation bar.
- From the Climate menu, select **Front seats**.

To access the ventilation controls for rear seats from the front touch screen:

- From the Climate menu, select **Rear climate**, then select **Rear seats**.

To adjust seat ventilation temperature:

- Touch the upper (red) arrow or lower (blue) arrow for the relevant seat repeatedly, to select from three heated and three cooled settings (as indicated by the bars adjacent to the arrows).
- If no bars are illuminated, seat ventilation is switched off.

To select backrest ventilation only:

- Select **Seat zone**. Only the backrest area of the seat icon will be illuminated.
- Select **Seat zone** again to activate full seat ventilation.

SEAT MASSAGE

Note: Seat massage will only operate when the engine is running.

Seat massage may not operate when the vehicle interior temperature is below 0°C or above 50°C.

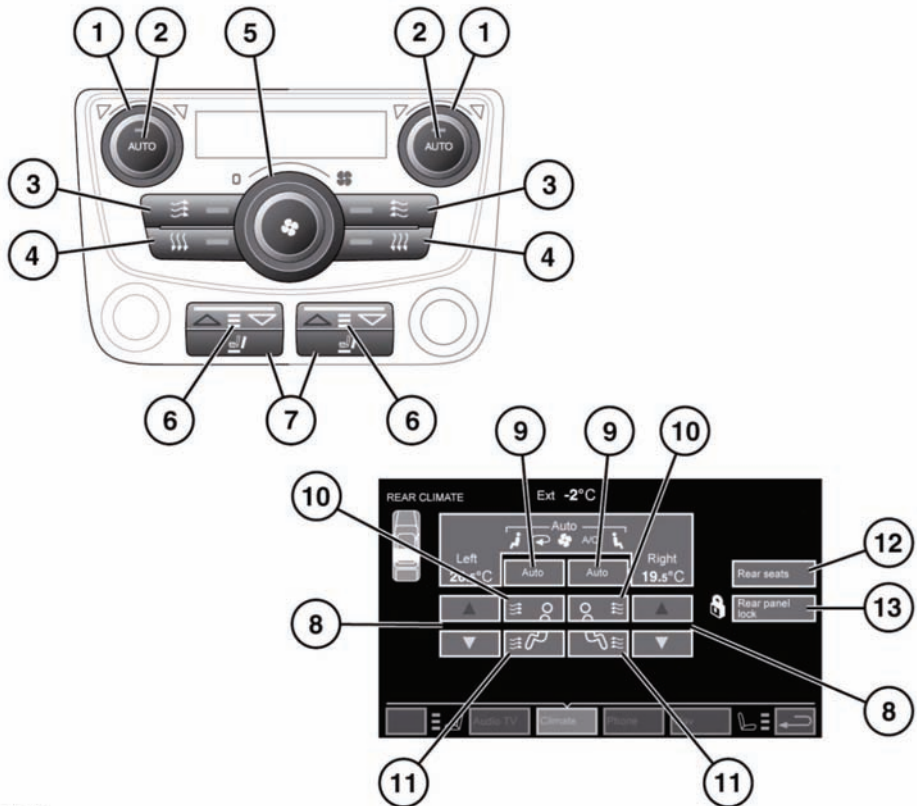
Seat massage is controlled through the touch screen:

- Either, press the seat menu button on the fascia or;
- From the Climate menu, select **Front seats**.
- Select **Start** or **Stop** for the relevant seat to switch the seat massage on or off.

After 10 minutes, the seat massage will stop automatically.

For vehicles fitted with rear seat massage, see **17, ELECTRIC SEATS**.

REAR CLIMATE CONTROL



E132486

To access the rear climate touch screen menu, select **Rear climate** from the front climate menu.

1. Temperature control: Rotate to adjust temperature (16°C - 28°C [59°F - 83°F]). The temperature is displayed on the touch screen (rear climate menu).
2. AUTO control: Press to switch automatic operation on.
3. Air distribution to face: Press to switch on/off. Switch indicator illuminates when on.

4. Air distribution to feet: Press to switch on/off. Switch indicator illuminates when on.

5. Blower speed: Rotate to adjust blower speed.

With blower speed at minimum, rotate the control anticlockwise to switch the climate system off. Press AUTO to turn on again.

6. Seat temperature control: Press the red arrow to increase and the blue arrow to decrease temperature. The LEDs illuminate to indicate current setting.

Heating and ventilation

7. Climatic seat zone control: Press to select full seat or backrest only ventilation. The switch indicators illuminate accordingly.
8. Temperature adjustment: Select the red arrow to increase and the blue arrow to decrease temperature. The temperature setting is displayed above the arrows.
9. Auto: Select to switch automatic operation on/off.
10. Air distribution to face: Touch to turn on/off.
11. Air distribution to feet: Touch to turn on/off.
12. Rear seats: Select to adjust the rear seat temperature and ventilation settings.
13. Rear panel lock: Select to disable the rear climate control switches, to prevent the rear passengers from adjusting the rear climate settings (padlock symbol is displayed). Select again to re-enable the controls.

In addition to the selectable controls, the rear climate menu displays symbols that indicate the status of heating and ventilation functions.

Note: *If the climate control system is switched off, pressing a rear AUTO button will switch the climate control system on.*

Note: *If the system is in Defrost mode, all rear controls are disabled and no airflow is available to the rear occupants.*

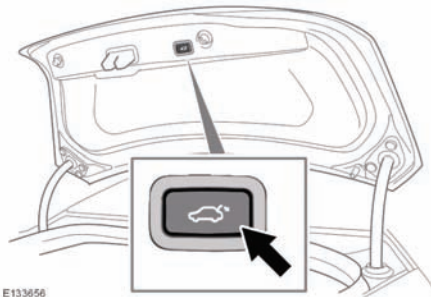
OPENING AND CLOSING THE LUGGAGE COMPARTMENT

- ❗ If the Jaguar Smart Key is inadvertently left inside the luggage compartment and the vehicle is locked and the alarm set, an audible warning will sound and the luggage compartment will re-open after three seconds.

Note: If the Jaguar Smart Key is inside a metal box, it will not be detected by the vehicle security system.

The luggage compartment can be opened using the appropriate button on the Jaguar Smart Key, or via keyless entry. It can also be opened using the exterior release, provided the doors are unlocked and the gear selector is in Park (P).

Provided the vehicle is not locked or alarmed, the luggage compartment can also be opened using the interior release button, see **206**, **DRIVER CONTROLS**.



To close the luggage compartment, press the button on the closing edge of the luggage compartment lid.

Note: If any of the luggage compartment release/close buttons are pressed whilst the lid is closing, movement will stop. Check that there are no obstructions and press the close button again.

Object detection: If any object is detected that would interfere with the luggage compartment closing, lid movement will stop and reverse a short distance. Remove any obstructions and press the close button again.

LUGGAGE COMPARTMENT OPENING HEIGHT

It is possible to set the maximum height to which the luggage compartment lid will open. This is useful in parking areas with very low roofs or just for ease of use.

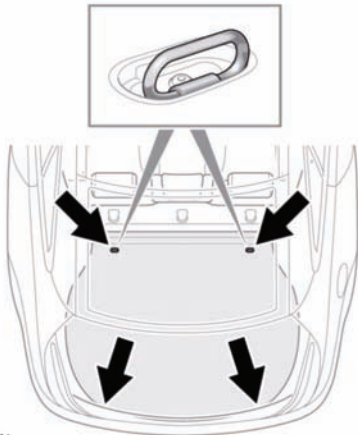
- Open the luggage compartment lid to the position which you want to set as the maximum height.
- Press and hold (for 10 seconds) the luggage compartment close button.
- Close the luggage compartment, then open again to check that it opens to the programmed height.

The maximum opening height is now set.

To reset the maximum opening height to full, repeat the process, but fully open the luggage compartment lid before pressing and holding the button.

Luggage compartment

LUGGAGE ANCHOR POINTS



E132491



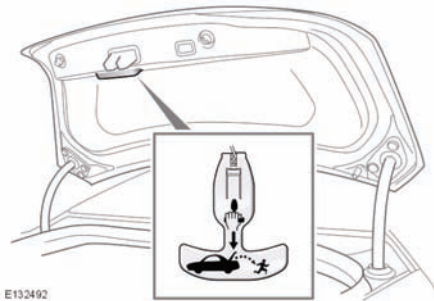
All items carried in the vehicle should be properly secured.

Four load securing points are provided in the rear luggage area to assist in safely securing items.

Note: A range of approved luggage retention accessories are available from your Dealer/ Authorised Repairer.

LUGGAGE COMPARTMENT EMERGENCY RELEASE

The mechanical luggage compartment release provides a means of escape in the event of someone being locked in the luggage compartment. Adults are advised to familiarise themselves with the operation of the release handle.



E132492

The release handle glows in the dark and is located on the inside of the luggage compartment lid. To open the luggage compartment from the inside, pull the handle while pushing the luggage compartment lid upwards.

Return the handle to its stowage position after use.

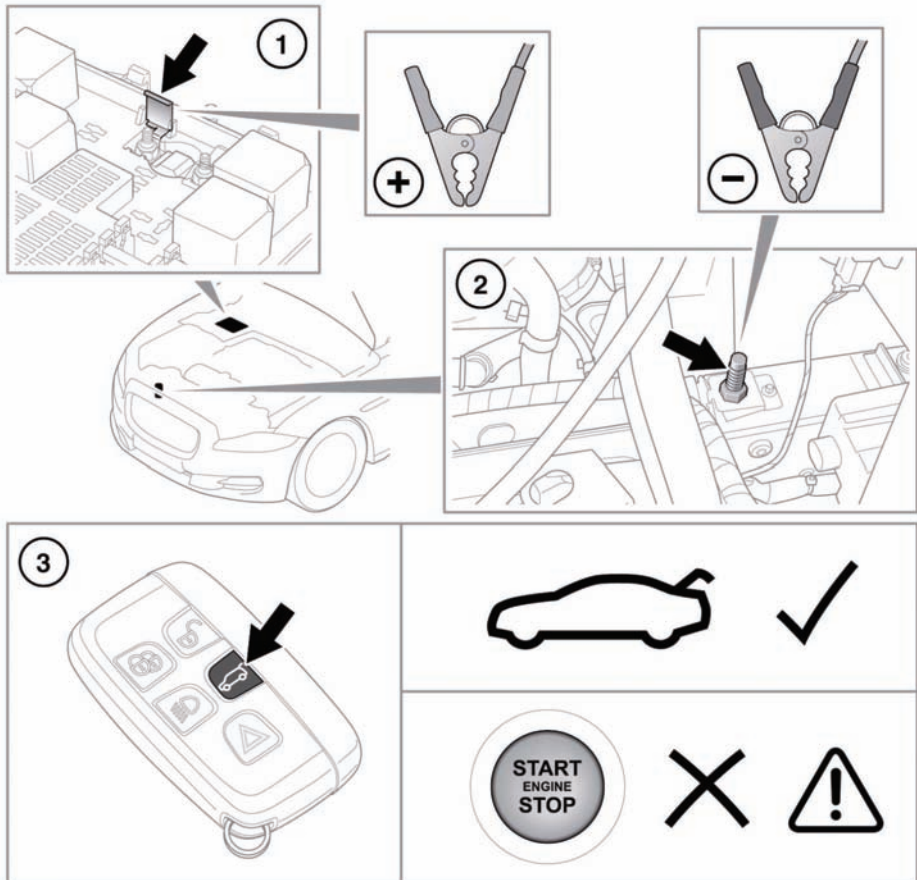
LUGGAGE COMPARTMENT RELEASE WHEN BATTERY IS DISCHARGED

If the battery becomes discharged when the luggage compartment is shut, it will be necessary to supply power to the release circuit in order to open it.



Supplying power to the release circuit in the following manner may cause a fuse to blow. For this reason it is recommended that the following procedure is only carried out by suitably qualified persons.

Luggage compartment



E132493

With the bonnet open and the engine and fuse box covers removed, connect booster cables to a suitable 12v supply. Then:-

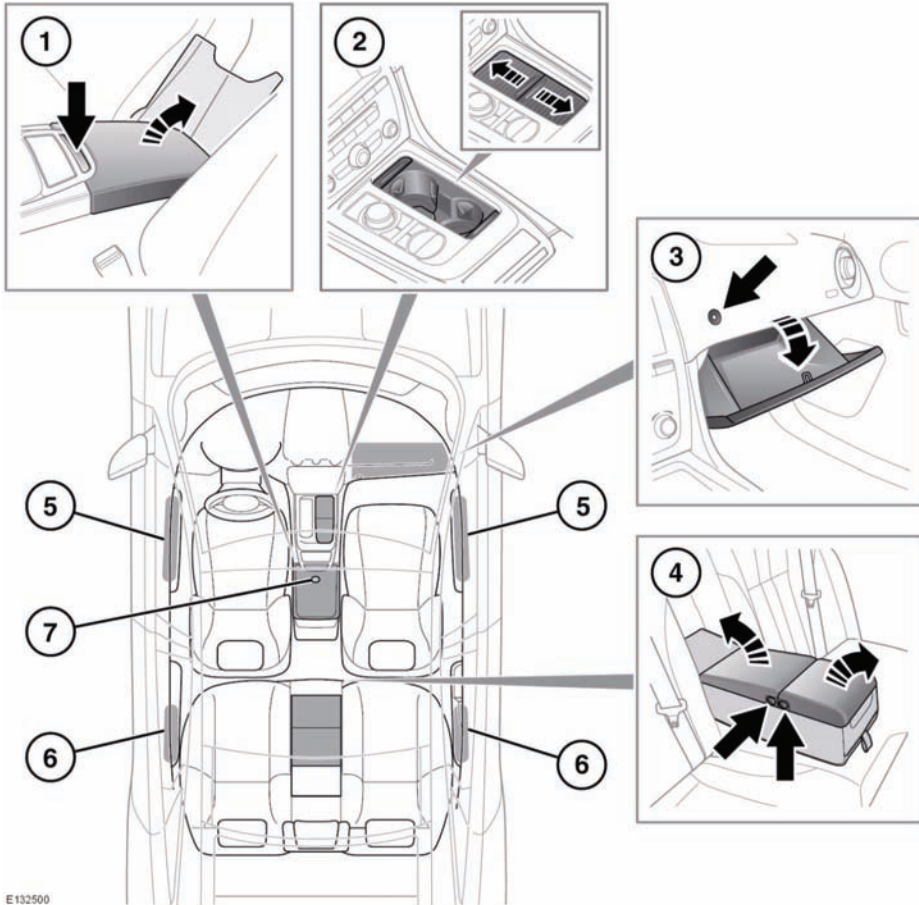
1. Attach the positive booster cable clamp to the connection point next to the 100A Midi fuse.
2. Attach the negative booster cable clamp to the earthing post at the front of the right-hand chassis leg.
3. Press the luggage compartment release button on the remote control.



Do not attempt to start the vehicle with power supplied in this way.

Storage compartments

STORAGE COMPARTMENTS



E 132500

1. Cubby box.
2. Cup holders.

! Do not drink, or use the drinks holders when driving.

Note: When Valet mode is selected the glove box release is disabled.

3. Glove box. Open using the glove box release (arrowed).

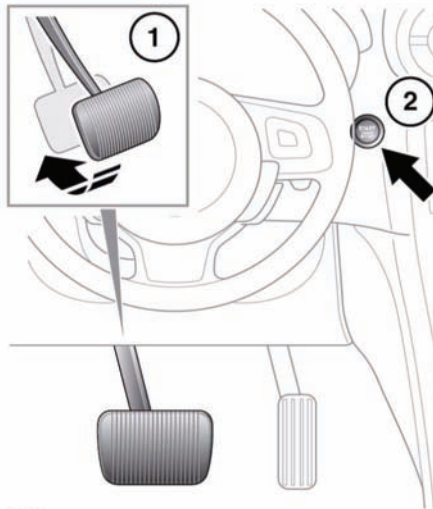
Note: When Valet mode is selected the glove box release is disabled.

4. Rear armrest cubby box.
5. Front door stowage.
6. Rear door stowage.
7. Auxiliary power socket.

! Only use approved accessories.

STARTING A PETROL ENGINE

- ⚠ The Smart Key may not be detected if it is placed within a metal container or if it is shielded by a device with a back-lit LCD screen, such as a smart phone, laptop (including laptop bag), games console etc. Keep the Smart Key clear of such devices when attempting Keyless entry or Keyless starting.



E132501

With the brake pedal applied (1) and with a valid Jaguar Smart Key in the vehicle, press and release the START/STOP button (2). The engine will start, the JaguarDrive selector will elevate out of the centre console and a drive gear can be selected.

STARTING A DIESEL ENGINE

- ⚠ The Smart Key may not be detected if it is placed within a metal container or if it is shielded by a device with a back-lit LCD screen, such as a smart phone, laptop (including laptop bag), games console etc. Keep the Smart Key clear of such devices when attempting Keyless entry or Keyless starting.

With the brake pedal applied and with a valid Jaguar Smart Key in the vehicle, press and release the START/STOP button. In ambient conditions, within 3 seconds, the engine will start to crank. The JaguarDrive selector will elevate out of the centre console.

In very cold conditions, expect engine cranking times to increase.

Note: *Smart Start in progress* is displayed in the message centre prior to the engine cranking. If, during the start procedure, the brake pedal is released, a gear change is made or if a fault occurs, **Smart Start cancelled** is displayed in the message centre and the start procedure is cancelled.

SWITCHING ON THE IGNITION

To turn on the ignition without starting the engine, make sure the brake pedal is not applied and that there is a valid Jaguar Smart Key in the vehicle, then press and release the START/STOP button.

Note: *If the brake pedal is pressed when the START/STOP button is pressed, the engine will start.*

Starting the engine

STEERING COLUMN LOCK

If the steering column remains locked, even with a valid Jaguar Smart Key in the vehicle, **STEERING COLUMN LOCKED** is displayed in the message centre. If this occurs:

1. Press the START/STOP button to return to convenience mode.
2. Try again to unlock the steering column lock, by turning the steering wheel gently to the left and right.
3. If the malfunction still persists, seek qualified assistance as soon as possible.

SWITCHING OFF THE ENGINE

With the gear selector in position **P**, press the engine START/STOP button. The engine will stop and the ignition system will return to convenience mode. The audio, telephone and touch screen systems will revert to stand-by mode and the JaguarDrive selector will retract into the centre console.

IF THE ENGINE FAILS TO START

Seek qualified assistance as soon as possible.

Note: *If the brake pedal has been pumped prior to an attempt to start the engine, it may require greater pressure on the pedal in order for the engine to start.*

Note: *If the Jaguar Smart Key is placed in the door pocket, it may be outside the range of the sensors when the door is opened.*

PETROL ENGINES

If the engine persistently fails to start, press the START/STOP button (without applying the brake pedal) to return the ignition to convenience mode. Slowly depress the accelerator pedal fully, hold it in this position and press the START/STOP button with the brake pedal applied, the engine will start to crank. Release the accelerator pedal when the engine starts.

If the engine still fails to start, consult your Dealer/Authorised Repairer.

DIESEL ENGINES

If the engine persistently fails to start, press and hold the START/STOP button (with the brake pedal applied). Keep the START/STOP button and the brake pedal pressed until the engine starts, then release.

If the engine still fails to start, consult your Dealer/Authorised Repairer.

SWITCHING OFF THE ENGINE WHILST MOVING



It is not advisable to switch off the engine whilst the vehicle is moving. However, should such a situation arise, then the following procedure applies.

- Press and hold the engine START/STOP button for 2 seconds, or;
- Press the engine START/STOP button twice within 2 seconds.

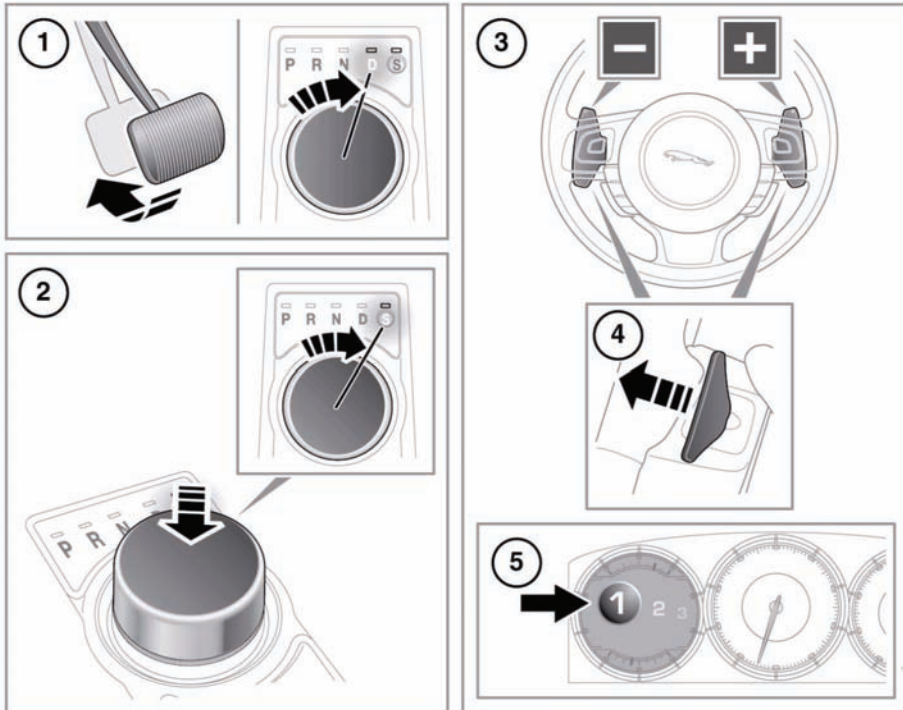
In either case, the warning **Engine stop button pressed** will be displayed in the message centre.

ROLLING RE-START

If the engine is switched off whilst the vehicle is moving, a rolling re-start can be initiated by selecting neutral and pressing the engine START/STOP button.

Gearbox

AUTOMATIC TRANSMISSION



E132502

1. To select drive or reverse gear, press the brake pedal and rotate the drive selector.
 2. To select sport mode, from **D** press the drive selector down and rotate to **S**.
 3. Gear shift paddles (left paddle for downshifts, right paddle for upshifts).
 4. Pull briefly to change gear.
To exit manual mode, either pull and hold the shift-up paddle for approximately one second (to return directly to automatic operation in **D** or **S**) or, if in **S**, rotate the gear selector to the **D** position.
 5. Selected gear display when using manual gear selection.
- ⚠ Never select the Park (**P**) position whilst the vehicle is in motion.
 - ⚠ Never select the Reverse (**R**) position whilst the vehicle is in forward motion.
 - ⚠ Never select a forward gear whilst the vehicle is moving backwards.
 - ⚠ Do not rev the engine or allow it to run above normal idle speed while selecting **D** or **R**, or while the vehicle is stationary with any gear selected.
 - ⚠ Do not allow the vehicle to remain stationary with a drive gear selected and the engine running. Always select **P** or **N** if the engine is to idle for a prolonged period.

JAGUARDRIVE SELECTOR

The JaguarDrive selector elevates out of the centre console when the engine is started, in readiness for gear selection

P should be selected before switching off the engine. However, it is possible to switch the engine off with **R**, **D** or **S** selected - the selector will automatically select **P**, while retracting into the centre console.

Note: *If the engine is switched off with **N** selected, the system will wait for 10 minutes before selecting **P**. This procedure is to allow the vehicle to be conveyed through a car wash only and should not be used for vehicle recovery purposes.*

To prevent the transmission from automatically selecting **P** (e.g. for vehicle recovery purposes) it is necessary to activate the Emergency Park Release. Vehicle recovery should only be undertaken by qualified personnel.

IF THE SELECTOR FAILS TO ELEVATE

If the JaguarDrive selector is obstructed remove the obstruction and then start the engine. The selector should elevate as normal.

If the selector still fails to elevate, even if there is no obstruction, a fault in the system is indicated. The selector can still be used in the lowered position, but be aware that it will not automatically select **P** when the engine is switched off. **P** should be selected manually. The fault should be rectified by a Dealer/ Authorised Repairer at the earliest opportunity.

TEMPORARY MANUAL GEAR SELECTION

When the gear selector is in the **D** position, manual mode may be directly accessed by the single action of operating the steering wheel mounted shift paddles.

If continued use of manual mode is required, the gear selector may be subsequently moved to the **S** position to enter permanent manual mode.

If the gear selector remains in the **D** position, temporary manual mode will be held whilst the driver is accelerating, decelerating, cornering or continuing to request shifts via the paddles.

LIMP-HOME MODE

Note: *The driver should be aware that the vehicle's performance will be reduced and must take this into account when driving. Also the use of the **Jaguar Sequential Shift** paddles will be disabled. In this event, seek qualified assistance as soon as possible.*

In the event of an electrical or mechanical failure, transmission operation will be limited. **P**, **R**, **N**, **D** and **S** may still be used to enable the vehicle to be driven to a safe area.

Some faults will cause the selector to be locked in position until the ignition is switched off. If the selected range flashes, it signifies that the driver request cannot be engaged. Re-select **N** and repeat the attempt.

If the transmission is still unable to select the requested gear, contact your Dealer/ Authorised Repairer.

Stability control

WINTER MODE



Press for at least one second to operate. Designed for use in slippery conditions. When active, Winter mode selects 2nd gear for driving away on level ground (no incline), softens the responsiveness of the engine and modifies the gear change strategy. This helps ensure that optimum traction is maintained.

Winter mode optimises stability of the vehicle to suit slippery conditions, when grip is reduced. This helps the vehicle to perform in a more gentle and controlled manner, to avoid skidding, allowing more confident progress under adverse conditions.

If conditions result in reduced traction being perceived, use of TRAC DSC or DSC OFF may improve progress, provided that the correct tyres for the conditions are fitted.

Note: Winter mode cannot be active at the same time as Dynamic mode. Winter mode will remain selected, even after the ignition is switched off. Winter mode must be deselected if no longer required.

DYNAMIC MODE



Press for at least one second to operate. Dynamic mode co-ordinates the vehicle's control systems to deliver a high performance driving experience. This setting enhances key vehicle systems so that the vehicle's full potential can be exploited. The vehicle's responses are aimed at involving the driver more in focused and purposeful driving.

When dynamic mode is selected, TracDSC is automatically selected.

Note: When the transmission is set to permanent manual mode and Dynamic mode is selected, transmission upshifts are fully controlled by the driver. The transmission will not change up automatically, even when the rev limit is reached (the gear position indicator in the message centre will glow amber, to indicate that the next gear should be selected).

Note: Dynamic mode cannot be active at the same time as Winter mode. Dynamic mode will remain selected for approximately six hours after the ignition is switched off, after which point it will need to be reselected if required.

TRACDSC



TracDSC should only be used when necessary for the prevailing conditions.

TracDSC optimises the DSC settings for maximum traction in difficult conditions, such as packed snow. This makes greater traction available, without having to completely lose the benefits of DSC. However, vehicle stability may be reduced. The less restrictive settings of TracDSC also enable a more involving and focused driving experience.

Conditions where the use of TracDSC would be advantageous or necessary:

- On packed snow.
- To help maintain the movement of the vehicle on soft or loose surfaces (e.g. gravel or sand).
- When snow chains are fitted and JaguarDrive Control special modes are off (or switch DSC off in Winter mode).
- To maximise driver involvement.

***Note:** When DSC is off with Winter mode selected, the vehicle retains a reduced level of DSC control, but the parameters are optimised for use with snow chains.*

SWITCHING BETWEEN DSC AND TRACDSC



Press and hold the DSC switch for less than 10 seconds. The message centre will temporarily display either Trac DSC or DSC ON.

- The warning lamp in the instrument panel will illuminate while Trac DSC is selected.

- The warning lamp will flash when DSC or Trac DSC is active (cruise control will automatically disengage if this occurs).

SWITCHING DSC OFF

- Press and hold the DSC switch for more than 10 seconds.
- The message centre will display **DSC OFF** and a short warning chime will sound.
- The warning lamp in the instrument panel will illuminate.

SWITCHING DSC ON

- Press and release the DSC switch.
- The DSC system will switch on, the message centre will temporarily display **DSC ON**.
- The warning lamp in the instrument panel will be extinguished.

***Note:** Switching the engine off and then on again, will always revert DSC status to DSC ON, regardless of which mode is selected.*

STABILITY CONTROL WARNING LAMPS



Flashes when DSC is active.

If there is a fault, this warning lamp will illuminate in the instrument panel and the message centre will display **STABILITY CONTROL NOT AVAILABLE DRIVE WITH CARE**.

Stability control

The vehicle can still be driven, but the DSC system will not activate under wheel spin or slide conditions. You should seek qualified assistance as soon as possible.



If DSC is switched off, this warning lamp will illuminate in the instrument panel, the message DSC OFF is displayed and a warning chime will sound.

ADAPTIVE DYNAMICS

Jaguar adaptive dynamics continuously monitors the road and driver inputs and optimises the vehicle suspension settings for ride comfort and control.

The adaptive dynamics system is linked to Dynamic mode, modifying the suspension settings for a more sporting character.

If **ADAPTIVE DYNAMICS FAULT** is displayed in the message centre, the vehicle can still be driven, but seek qualified assistance to have the fault rectified.

ACTIVE DIFFERENTIAL CONTROL (Supercharged vehicles only)

The Active differential control (E-diff) improves traction on uneven road surfaces and can also improve stability in oversteer situations.

If the warning message **EDIFF SYSTEM FAULT** is displayed and DSC is off, then TracDSC will be automatically selected. The vehicle can still be driven and DSC modes can be selected, but seek qualified assistance as soon as possible.




If the warning message **EDIFF NOT AVAILABLE** is displayed, the system has temporarily shut down to prevent overheating. The vehicle can still be driven and the E-diff will be operational again when the system has cooled sufficiently.

JAGUARDRIVE CONTROL SCENARIOS

The table below gives examples of the drive control settings suggested for different driving scenarios.



Scenario	Suggested driver selection				
	Tyre fitment	JaguarDrive Control	Dynamic Stability Control (DSC)	Transmission	
Wet grass	Standard	Winter mode	Default (On)	Drive (D)	
Very wet tarmac					
Ice/light snow	Summer or All Season tyres		TracDSC	Default (On)	Drive (D)
Snow ploughed hard-topped roads (including black ice)					
Packed snow roads	Winter tyres			DSC Off	Sport
Deep fresh snow	Snow chains				
Normal driving conditions (e.g. dry tarmac, town driving, motorway cruising etc.)	Standard	No driver selection required. Special modes off, DSC on, transmission in D Special modes off	No driver selection required. Special modes off, DSC on, transmission in D Default (On)	No driver selection required. Special modes off, DSC on, transmission in D	
Overtaking on a dry road				Sport	
Pulling out onto a busy road in dry conditions					
Favourite country lane (public road)		Dynamic mode	DSC On (Default TracDSC)		
Private track/race day					

IMPORTANT INFORMATION

-  Do not rest your foot on the brake pedal whilst the vehicle is in motion.
-  Never allow the vehicle to coast (freewheel) with the engine turned off. The engine must be running to provide full braking assistance. The brakes will still function with the engine off, but far more pressure will be required to operate them.
-  If the red brake warning lamp illuminates, safely bring the vehicle to a stop, as quickly as possible. Seek qualified assistance before proceeding.
-  Never place non-approved floor matting or any other obstructions under the brake pedal. This restricts pedal travel and braking efficiency.

Driving through heavy rain or water can have an adverse effect on braking efficiency. Under such circumstances, it is recommended that you lightly apply the brakes intermittently to dry the brakes.

BRAKE WARNING LAMPS

-  If this red warning lamp illuminates while driving and/or the message LOW BRAKE FLUID is displayed in the message centre, check the brake fluid level at the earliest opportunity and top-up as required.
-  If this amber warning lamp illuminates while driving and/or ABS FAULT is displayed in the message centre, drive with extra caution, avoid heavy braking where possible, and seek qualified assistance as soon as possible.

ELECTRONIC BRAKE FORCE DISTRIBUTION (EBD)

EBD balances the distribution of braking forces between the wheels on the front and rear axles, to maintain maximum braking under all vehicle loading conditions.

For example; Under light loads, EBD applies less braking effort to the rear wheels, to maintain stability. Conversely, it allows full braking effort to the rear wheels when the vehicle is heavily laden.

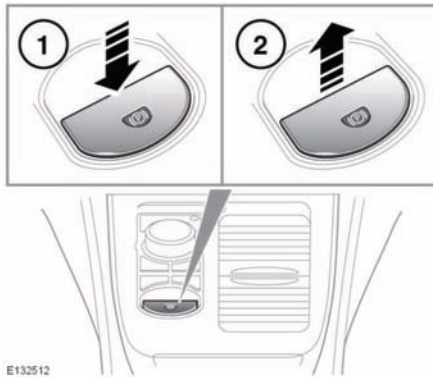
A fault with the EBD system is indicated by the red brake warning lamp and the message **EBD FAULT**. The braking system will still operate, but without EBD assistance. Seek qualified assistance to have the fault rectified.

EMERGENCY BRAKE ASSIST (EBA)

The EBA system measures the rate at which the brake pressure increases. If the system detects an emergency braking situation, EBA automatically initiates full braking effect. This can reduce stopping distances in critical situations.

A fault with the EBA system is indicated by the brake warning lamp illuminating and **Emergency Brake Assist Not Available** displaying in the message centre. The braking system will still function, but without EBA assistance. Seek qualified assistance to have the fault rectified.

ELECTRIC PARKING BRAKE (EPB)



E132512

The switch which operates the parking brake is mounted on the centre console to the rear of the gear selector.

To disengage the parking brake (1): With the ignition system on or with the engine running, apply the foot brake and press the parking brake switch down.

If the parking brake is applied while the vehicle is stationary and **D** or **R** is selected, applying the throttle will automatically release the parking brake.

The parking brake is also automatically released when the gear selector is moved from the **P** position.

If the parking brake is inadvertently applied when the vehicle is moving at above 3 km/h (1.8 mph), **Caution! Park Brake Applied** is displayed in the message centre, the warning indicator in the instrument panel will illuminate and a warning chime will sound.

If the parking brake is applied whilst the vehicle is moving, releasing the switch will disengage the parking brake. The parking brake cannot be applied when the vehicle is moving, if the accelerator pedal is pressed.

Note: If the vehicle is in motion, the parking brake should only be used as an emergency brake.

⚠ Always apply the parking brake when the vehicle is parked.

To engage the parking brake (2): Pull the parking brake switch upwards and release. The switch will return to the neutral position.

Ⓟ The Parking brake warning lamp on the instrument panel will illuminate.

The Drive Away Release feature allows the parking brake to release automatically as the vehicle is driven away.




The warning lamp in the instrument panel will remain on for a short time, if the parking brake is applied when the ignition system is reverted to the convenience mode.

If a fault in the system is detected, **Park Brake Fault** or **Cannot Apply Park Brake** will be displayed in the message centre. Seek qualified assistance as soon as possible.

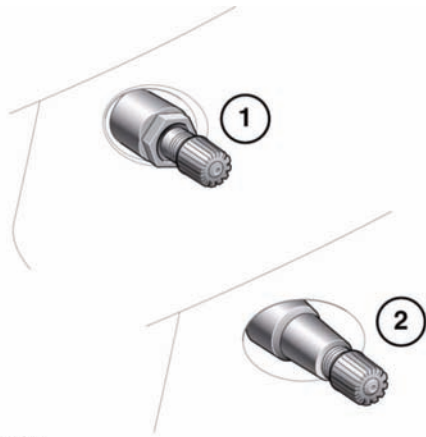
If the battery has been discharged or disconnected, **Apply Foot And Park Brake** will be displayed in the message centre when the ignition is next switched on. Depress the foot brake and pull the parking brake switch up to apply the parking brake. This is required to reset the parking brake system. The parking brake will now function correctly.

Tyre pressure monitoring system

TYRE PRESSURE MONITORING SYSTEM (TPMS)

-  The TPM system provides a low pressure warning and does not re-inflate your tyres. Tyre pressures should be checked regularly using an accurate pressure gauge when cold.
-  The TPM system can NOT register damage to a tyre. Regularly check the condition of your tyres, especially if the vehicle is driven off-road.
-  When inflating tyres, care should be taken to avoid bending or damaging the TPM system valves. Always ensure correct alignment of the inflation head to the valve stem.

Note: Non-approved accessories may interfere with the system. If this occurs, **TYRE PRESSURE MONITORING SYSTEM FAULT** is displayed in the message centre.



E132513

Wheels fitted with a TPM system can be visually identified by the external metal lock nut and valve (1). All Jaguar non-TPM system wheels have a rubber valve fitted (2).

TPMS OPERATION

The TPM system monitors pressure of the tyres via sensors located in each wheel and a receiver located within the vehicle. Communication between sensor and receiver is via Radio Frequency (RF) signals.



The tyre pressure warning comprises a yellow warning telltale within the instrument panel and the associated messages within the message centre.

If the telltale light illuminates, you should stop and check your tyres as soon as possible and inflate them to the recommended pressure as stated on the tyre pressure placard. If low pressure warnings occur frequently, the cause must be determined and rectified.

When driving through variable climatic conditions the TPM system warnings may be intermittent.

Your vehicle will also indicate a TPM system malfunction by initially flashing and subsequent continuous illumination of the warning telltale. A text message will accompany the system malfunction and will display **TYRE PRESSURE MONITORING SYSTEM FAULT**. The TPM system fault sequence will be activated at every ignition cycle until the fault is rectified. When a malfunction occurs, the system may not be able to detect or signal low tyre pressure as intended.

TPM system malfunctions may occur for a variety of reasons which may include other radio frequency systems that could cause interference or the installation of incompatible replacement tyres on the vehicle.

TEMPORARY USE SPARE WHEEL AND TYRE CHANGE

If the temporary use spare wheel is fitted the system will automatically recognise the change in wheel positions. Then after approximately ten minutes of driving above 25 km/h (18 mph), a message detailing which tyre is affected (e.g. **FRONT LEFT**) and **TYRE NOT MONITORED** will be displayed accompanied by illumination of the warning telltale and the corresponding block in the vehicle graphic.

The warning telltale will initially flash and will subsequently revert to continuous illumination. Extended use of the temporary use spare wheel will produce an additional text message **TYRE PRESSURE MONITORING SYSTEM FAULT**.

This TPM system display sequence will be activated at every ignition cycle until the temporary use spare wheel is replaced by a fully operational full size wheel and tyre assembly.

Always replace the temporary use wheel before having TPM system faults investigated. The fault may well be rectified with the fitment of a fully operational full size running tyre in lieu of the temporary use spare wheel assembly.

TYRE PRESSURE MONITORING UNAVAILABLE

If all four running wheels and tyres are changed for a set that are not fitted with TPM system sensors (e.g. a set of winter wheels and tyres), the message **TYRE PRESSURE MONITORING UNAVAILABLE** is displayed. TPM system sensors must be fitted to the wheels and tyres for the system to be able to warn of low tyre pressures.

When sensors are fitted to the replacement wheel and tyre set, the vehicle needs to be driven until the TPM system recognizes the sensors before TPM will be available (**TYRE PRESSURE MONITORING AVAILABLE** is displayed).

TYRE CHANGING

Always have your tyres serviced or changed by a qualified technician.

Care must be taken to avoid contact between the bead of the tyre and the sensor during removal and refitting of the tyre, otherwise the sensor may become damaged and/or inoperable.



Valve stem seal, washer, nut, valve core and cap should be replaced at every tyre change. Valve stem seal, washer and nut must be replaced if valve retention nut is loosened. Sensor units and nuts must be refitted using correct torque figures and associated profile. Damage to the vehicle may result if these precautions are not taken.

Sensors can be removed from the wheel by the unscrewing of the valve retention nut.

REPLACEMENT TPMS SENSOR

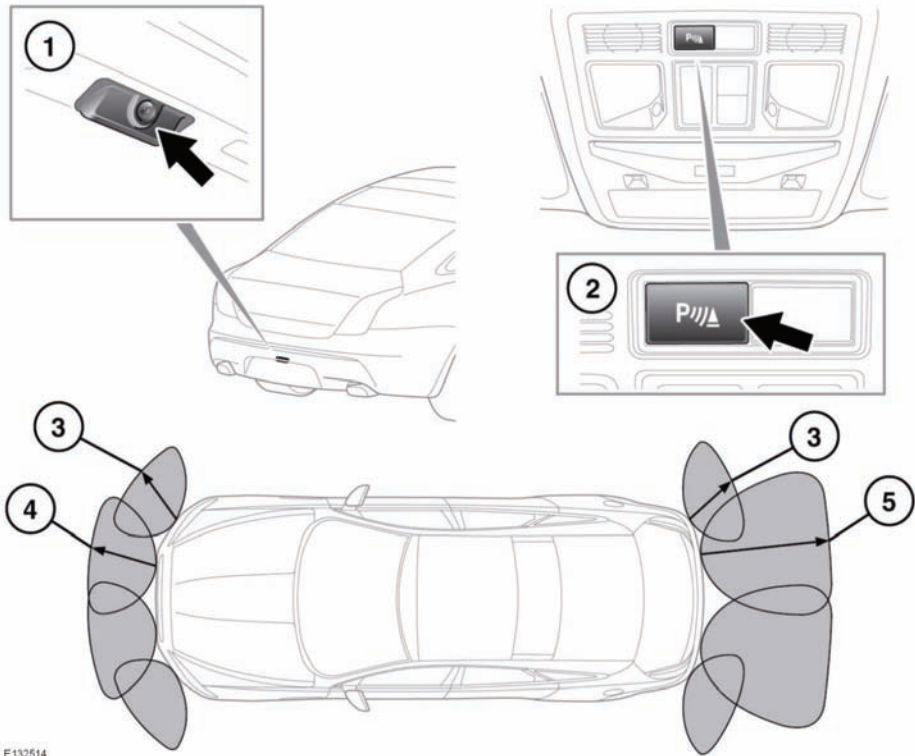
Should the sensor require replacing, it should be carried out by a Dealer/Authorised Repairer.

A replacement sensor must be fitted to a running wheel in order to be recognised by the system. The vehicle needs to be stationary for 15 minutes during the sensor fitment before the system is ready to detect the new sensor. The vehicle must be driven for a minimum of fifteen minutes after the sensor change, and then remain stationary for fifteen minutes to activate full TPM system operation.

Tyre pressure monitoring system

If the TPM system warning for any wheel does not clear, even after ensuring correct inflation and driving for more than ten minutes above 25 km/h (18 mph), you should seek qualified assistance as soon as possible.

PARKING AID OPERATION



E132514

1. Rear view camera. See **85, REAR VIEW CAMERA**.
2. Parking aid on/off switch.
3. Approximately 600 mm (24 inches).
4. Approximately 800 mm (31 inches).
5. Approximately 1800mm (71 inches).

! It remains the driver's responsibility to detect obstacles and estimate the vehicle's distance from them. Some overhanging objects, barriers, small children, animals, thin obstructions or painted surfaces may not be detected by the system.

! Systems using the same frequency band as the front parking sensors, may cause irregular tones to be emitted.

Note: The sensors are active when the gear selector is in neutral, and in drive after moving from reverse. Therefore, if an obstacle is detected an audible warning tone will sound.

USING THE PARKING AID

! The parking aid system switches off when vehicle speed exceeds 15 km/h (9 mph) in drive (D), and will need to be reselected again if needed.

Parking aids

When in reverse/neutral or drive, press the switch (2) to turn the parking aid on (switch indicator illuminates) and off.

A pop-up appears on the touch screen, showing a plan view of the vehicle and the immediate surrounding area. Touch the pop-up to cancel this view.

When objects are detected the Park aid will emit a warning tone which increases in frequency as the vehicle gets closer to the object and then becomes constant when the obstacle is within 300 mm (12 inches).

If an obstacle is detected at the front or rear of the vehicle, a warning tone will be heard from the front or rear speakers respectively. The speakers used will be nearest to the obstacle i.e. rear speakers if the obstacle is behind the vehicle.

Objects are detected within the approximate operating ranges as shown in the illustration (items 3, 4 and 5).

Note: The front parking aid provides an audible proximity warning when driving forwards or reversing.

Note: If a rear-view camera is fitted, when reverse gear (R) is selected, the camera display is selected automatically. To view the parking aid display, touch the screen.

Note: The outer sensors will switch off if the distance to an object increases or remains constant for 3 seconds. The sensors will reactivate automatically if a new object is detected within the operating range, or if the distance to the original object reduces.

PARKING AID VOLUME

To set the volume of the parking aid warning tones:

- Select **Setup** from the touch screen Home menu, then select **System**.

- Select **Volume presets**, then use the + or - soft keys alongside Parking aid to adjust volume for both front and rear warning tones.

REAR FITTED ACCESSORIES

Particular care must be taken when reversing with rear fitted accessories, as the rear parking aid will only indicate the distance from the bumper to the obstacle.

CLEANING THE SENSORS

For reliable operation, the sensors in the front and rear bumpers should be kept free from ice, frost and grime.



Do not clean the sensors with abrasive or sharp objects or materials.



When using a high pressure spray, only spray the sensors briefly, from a distance greater than 200 mm (8 inches).

PARKING AID SYSTEM FAULT

If the system has a fault when engaging reverse gear or turning on the ignition, then a single, three second tone will be heard and the warning indicator in the parking aid switch will flash for three seconds and then switch off. The system is automatically disabled.

Note: The parking aid may emit spurious tones if it detects a frequency tone using the same band as the sensors (e.g. air brakes).

REAR VIEW CAMERA



It remains the driver's responsibility to detect obstacles and estimate the vehicle's distance from them when reversing.

When Reverse (R) is selected, the system uses a camera to provide a wide-angle colour rear view image on the touch screen.

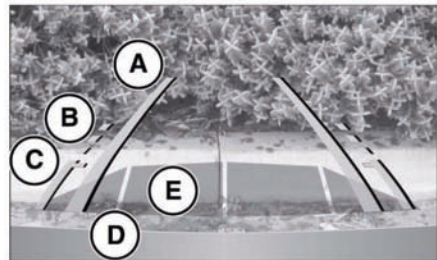
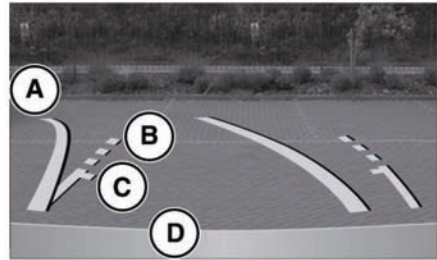
The camera display has priority over the parking aid display. To view the parking aid display instead, or to cancel camera display at any time, touch the display.

The display also incorporates graphic overlays, indicating vehicle direction, width and proximity to surrounding objects.

Note: The camera image will not be displayed;

* If Drive (D) is selected and the vehicle speed is greater than 16 km/h (10 mph).

* If Drive (D) is selected for longer than 2 seconds.

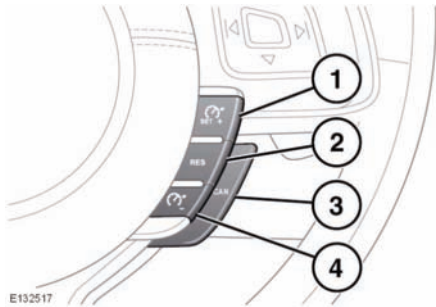


E132516

- A. Solid line: The projected wheel trajectory.
- B. Dotted line: The safe working width of the vehicle (including exterior mirrors).
- C. Boot access guideline: Do not reverse beyond this point if boot access is required.
- D. Vehicle bumper.
- E. Parking sensor activation: A coloured area appears, to indicate which rear sensor(s) has been activated.

Cruise control

USING CRUISE CONTROL



The cruise (speed) control system can be used by the driver to maintain a selected vehicle speed above 30 km/h (18 mph).

- 1. SET (+):** Press to engage cruise control and set the current speed. It is also used to increase the set speed until the desired speed is obtained.
- 2. RES (Resume):** Resumes the cruise control set speed after it has been disengaged.
- 3. CAN (Cancel):** Press to disengage cruise control. The set speed memory will be retained.
- 4. (-):** Press to decrease the set speed until the desired speed is obtained.

SETTING VEHICLE SPEED



Only use cruise control when conditions are favourable (e.g. straight, dry, open roads with light traffic).



In certain conditions, such as a steep downhill gradient, the vehicle speed may exceed the set cruising speed. This is because engine braking is unable to maintain or reduce the vehicle speed. Driver intervention may be required.

When you are travelling at the speed you require press the set button.

Cruise control will engage and maintain the set speed and you can remove your foot from the accelerator pedal.

Note: Cruise control will automatically disengage when the brake pedal is pressed or when the vehicle speed falls below 30 km/h (18 mph).

CHANGING THE CRUISE SPEED

There are two ways to change the set speed:

- Accelerate or decelerate to the desired speed then press the set button.
- Increase or decrease the speed by pressing the speed adjustment buttons **SET (+)** or **(-)** (**1** or **4**) until the desired speed is obtained.

Note: The set speed can be increased or decreased in steps of 2 km/h (1 mph), by pressing the speed adjustment buttons **(+)** or **(-)** briefly until the desired speed is obtained.

RESUMING THE SET SPEED

If the vehicle is accelerated above the set speed, then the set speed will be resumed when the accelerator pedal is released.

If the **CAN** button (**3**) or the brake pedal is pressed, the cruise control will disengage but the set speed memory will be retained. Press **RES** (**2**) and the vehicle will return to the set speed.

Note: Cruise control will not resume at speeds below 30 km/h (18 mph).



RES should only be used if the driver is aware of the set speed and intends to return to it.



It is not recommended to resume set speed when a low gear is selected as excessive engine speeds will occur.

AUTOMATIC SWITCH OFF

Cruise control will switch off but the set speed will remain in the memory when:

- The **CAN** button (3) is pressed.
- The brake pedal is pressed.
- Speed falls below 30 km/h (18 mph).
- Neutral, Park or Reverse gear is selected.
- Dynamic Stability Control is operating.
- The difference between the actual and set speed is too great.
- When the vehicle reaches a maximum speed of 192 km/h (120 mph).
- The accelerator pedal is used to accelerate beyond the set speed for too long a period.

Cruise control will switch off and clear the memory when:

- The ignition system is switched off.
- A fault occurs. The cruise control system will switch off and cannot be used until the fault is cleared.

Adaptive cruise control

ADAPTIVE CRUISE CONTROL OVERVIEW

The Adaptive Cruise Control (ACC) system is designed to aid the driver to maintain a gap from the vehicle ahead or a set road speed if there is no slower vehicle ahead.

⚠ ACC is not a collision warning or avoidance system. Additionally, ACC will not react to:

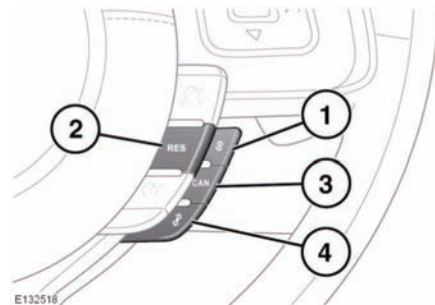
- Stationary or slow moving vehicles below 10 km/h (6 mph).
- Pedestrians or objects in the roadway.
- Oncoming vehicles in the same lane.

The ACC system uses a radar sensor, which projects a beam directly forward of the vehicle to detect objects ahead.

The radar sensor is mounted behind the bumper cover to the left of the cooling aperture, to provide a clear view forward for the radar beam.

- Only use ACC when conditions are favourable (i.e. main roads with free flowing traffic).
- Do not use in poor visibility, specifically fog, heavy rain, spray or snow.
- Do not use on icy or slippery roads.
- It is the drivers responsibility to stay alert, drive safely and be in control of the vehicle at all times.
- Keep the front of the vehicle free from dirt, metal badges or objects, including vehicle front protectors, which may prevent the sensor from operating.
- Do not use ACC when entering or leaving a motorway.

USING ACC



1. Gap decrease button.
2. **RES** (Resume): Resumes the ACC set speed after it has been disengaged.
3. **CAN** (Cancel) button.
4. Gap increase button.

The system is operated by controls mounted on the steering wheel. The driver can also intervene at any time by use of the brake or accelerator pedals.

Setting the vehicle speed, activating, and deactivating ACC is done in the same way as using cruise control.

ENTERING FOLLOW MODE

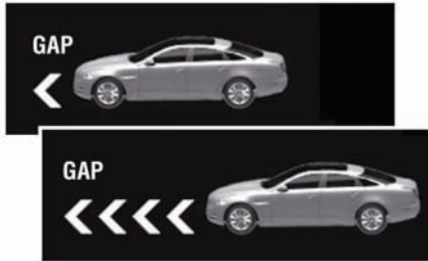
⚠ When in follow mode, the vehicle will not decelerate automatically to a stop, nor will the vehicle always decelerate quickly enough to avoid a collision.

Once a set speed has been selected, the driver can release the accelerator and the set road speed will be maintained.

When a vehicle ahead enters the same lane or a slower vehicle is ahead in the same lane, the vehicle speed will be adjusted automatically until the gap to the vehicle ahead corresponds to the default gap setting (gap level 3). The vehicle is now in **follow mode**.



The amber warning lamp in the instrument panel will be illuminated.



E132520

The message centre will display the gap set. The vehicle will then maintain the constant time gap to the vehicle ahead until:

- The vehicle ahead accelerates to a speed above the set speed.
- The vehicle ahead moves out of lane or out of view.
- A new gap distance is set.

If necessary, the vehicle brakes will be automatically applied to slow the vehicle to maintain the gap to the vehicle in front.

The maximum braking which is applied by the ACC system is limited and can be overridden by the driver applying the brakes, if required.

Note: Driver braking will cancel ACC.

If the ACC system predicts that its maximum braking level will not be sufficient, then an audible warning will sound while the ACC continues to brake. **DRIVER INTERVENE** will be displayed on the message centre. The driver should take immediate action.

When in follow mode, the vehicle will automatically return to the set speed when the road ahead is clear, for instance when:

- The vehicle in front accelerates or changes lane.
- The driver changes lane to either side or enters an exit lane.

The driver should intervene if appropriate.

CHANGING THE FOLLOW MODE SET GAP

Four gap settings are available and the selected gap setting will be displayed on the message centre when either gap adjustment button is pressed.

Each gap level is indicated by an additional chevron in front of the vehicle icon in the message centre (one chevron (gap level 1) being the shortest, four chevrons (gap level 4) being the longest). After the ignition is switched on, the default gap (gap level 3) will be automatically selected ready for ACC operation.

Note: When the ignition is switched off, the gap setting will revert to the default setting (gap level 3) when switched on again.

Note: It is the driver's responsibility to select a gap appropriate to the driving conditions.

Adaptive cruise control

OVERRIDING THE SPEED AND FOLLOW MODE



Whenever the driver is overriding the ACC by depressing the accelerator pedal, the ACC will not automatically apply the brakes to maintain separation from any vehicle ahead.

The set speed and gap can be overridden by pressing the accelerator pedal when cruising at constant speed or in follow mode. If the vehicle is in follow mode, the warning lamp will go out when the ACC is overridden by the driver using the accelerator and **CRUISE OVERRIDE** will be displayed on the message centre. When the accelerator is released the ACC function will operate again and vehicle speed will decrease to the set speed, or a lower speed if follow mode is active.

AUTOMATIC LOW SPEED SWITCH-OFF

If the speed of the vehicle decreases below 30 km/h (18 mph), the ACC system will be automatically switched off and the warning lamp will go out.

If the brakes were being applied by the ACC system, they will be slowly released.

This will be accompanied by an audible warning, and **DRIVER INTERVENE** will be displayed on the message centre. The driver must take control.

ACC AUTO OFF

ACC will disengage, but not clear the memory when:

- The **CAN** button is pressed
- The brake pedal is pressed
- Neutral (**N**), Park (**P**) or Reverse (**R**) gear is selected
- Dynamic Stability Control activates.

ACC will disengage, and clear the memory when:

- The ignition system is switched off
- Maximum vehicle speed is reached
- A fault occurs in the ACC system.

RESUMING THE SPEED AND FOLLOW MODE



RES should only be used if the driver is aware of the set speed and intends to return to it.

By pressing the **RES** button after ACC has been cancelled, for example, after braking, the ACC will become active again provided that the set speed memory has not been erased. The original set speed will be resumed (unless a vehicle ahead causes the follow mode to become active) and the set speed will be displayed in the message centre for four seconds.

HINTS ON DRIVING WITH ACC

The system acts by regulating the speed of the vehicle using engine control and the brakes. Gear changes may occur in response to deceleration or acceleration whilst in ACC.

ACC is not a collision avoidance system. However, during some situations the system may provide the driver with an indication that intervention is required.

An audible alarm will sound, accompanied by the message **DRIVER INTERVENE** if the ACC detects:

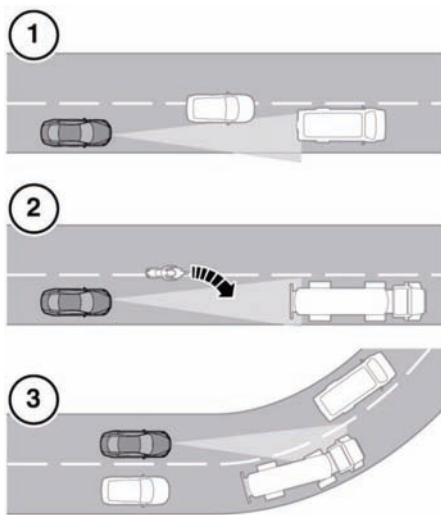
- A failure has occurred whilst the system is active
- That using maximum ACC braking only is not sufficient.

Note: ACC operates when the gear selector is in position **S** or **D**.

Note: When engaged, the accelerator pedal rests in the raised position. Fully release the pedal to allow normal ACC operation.

Note: When braking is applied by the ACC, the vehicle brake lamps will be switched on although the brake pedal will not move.

DETECTION BEAM ISSUES



Detection issues can occur:

1. When driving on a different line to the vehicle in front.
2. When a vehicle edges into your lane. The vehicle will only be detected once it has moved fully into your lane.
3. There may be issues with the detection of vehicles in front when going into and coming out of a bend.

In these cases ACC may brake late or unexpectedly. The driver should stay alert and intervene if necessary.

ACC MALFUNCTION

If a malfunction occurs during operation of the system in cruise or follow modes, the ACC system will switch off and cannot be used until the fault is cleared. The message **DRIVER INTERVENE** appears briefly and is then replaced by the message **CRUISE NOT AVAILABLE**. If malfunction of the ACC or any related system occurs at any other time, the message **CRUISE NOT AVAILABLE** will be displayed. It will not be possible to activate the ACC system in any mode.

Accumulations of dirt, snow or ice on the sensor or cover may inhibit ACC operation. Fitting of a vehicle front protector or metallised badges may also affect ACC operation.

The ACC system relies on its radar to detect objects and constantly scans ahead. If the radar detects no objects ahead in ACC or **follow mode**, then the ACC will be deactivated, the audible alarm sounds and the message **DRIVER INTERVENE** displays briefly. The message **ACC SENSOR BLOCKED** will then be displayed.

The same messages may also be displayed while driving on open roads with few objects for the radar to detect.

Clearing the obstruction allows the system to return to normal operation. If the obstruction is present when ACC is inactive (e.g. on initial starting or with the ACC system switched off), the message **ACC SENSOR BLOCKED** will be displayed.

Tyres other than those recommended for your vehicle, may have different sizes. This can affect the correct operation of the ACC.

Adaptive cruise control

FORWARD ALERT FUNCTION

Limited detection and warning of objects ahead, is provided during ACC operation by the ACC **FORWARD ALERT** warning. The enhanced forward alert feature additionally provides warnings when ACC is not engaged; if an object is detected close ahead, then the warning tone and message will be issued. The brakes will not be applied.

The forward alert system does not initiate any action. The driver must take appropriate action when the **FORWARD ALERT** message is displayed. However, the system monitors driver actions (e.g. braking, steering or indicating) and may not initiate the warning display if the appropriate action has been taken early enough.

The Forward alert function may be switched on or off from the **Vehicle Set-up** area in the instrument panel menu. See **53, INTERACTIVE CONTROLS**.



When the warning lamp in the instrument panel is on, Forward alert is active.

The sensitivity of the warning may be changed:

- Press the gap decrease button when ACC is disengaged to display and then decrease the sensitivity of the alert.
- Press the gap increase button to display and then increase the sensitivity of the alert.

Note: *The forward alert set gap is retained when the ignition is switched off.*

FORWARD ALERT is displayed in the message centre.

ADVANCED EMERGENCY BRAKE ASSIST

- ⚠ The system may not react to slow moving vehicles and will not react to stationary vehicles or vehicles travelling in the opposite direction.
- ⚠ Warnings may not appear if the distance to the vehicle ahead is very small or if steering wheel or pedal movements are large (e.g. to avoid a collision).
- ⚠ The system utilises the same radar sensor as ACC and Forward alert - the same limitations of performance apply.

Advanced emergency brake assist is available at speeds above approximately 7 km/h (5 mph) and improves braking response during emergency braking, when a moving vehicle is detected close ahead.

If the risk of collision increases after the **FORWARD ALERT** warning is displayed, advanced emergency brake assist is activated. The brakes are automatically applied gently in preparation for rapid braking (this may be noticeable). If the brake pedal is then pressed quickly, full braking is implemented, even if only light pressure is applied to the pedal. See **78, EMERGENCY BRAKE ASSIST (EBA)**.

Note: *Braking performance will only be improved if the driver applies the brakes.*

Advanced emergency brake assist will function even if Forward Alert and ACC are switched off. If there is a fault with the system, **FORWARD ALERT UNAVAILABLE** is displayed in the message centre. The vehicle can still be driven and the braking system will still operate, but without advanced emergency brake assistance. Seek qualified assistance to have the fault rectified.

USING ASL



In certain conditions, such as a steep downhill gradient, the vehicle speed may exceed the set speed limit. This is because engine braking is unable to maintain or reduce the vehicle speed.

The **ASL** button allows the driver to select between cruise control and the automatic speed limiter. The ASL can be set to any speed between 30 km/h (18 mph) and 240 km/h (150 mph).

Note: *Although ASL only operates at speeds between 30 km/h (18 mph) and 240 km/h (150 mph), the maximum speed can be set when the vehicle is stationary.*

SETTING A SPEED LIMIT

- Press the **ASL** button.
- Use the cruise control increase/decrease buttons to set the required speed. The message centre display in the instrument panel will show the selected speed.
- The set speed can be adjusted at any time, using the cruise control increase/decrease buttons.

When ASL is selected and a set speed inserted, the engine will respond normally up to the set speed. Further accelerator pedal pressure will not increase the vehicle speed beyond your set speed, unless kickdown is initiated, in which case ASL will be suspended.

SUSPENDING ASL

ASL can be suspended by pressing the **CAN** button. Applying sudden, rapid acceleration (kickdown) will also suspend ASL.

RESUMING ASL

If ASL has been suspended, it can be reinstated with a single press of the **RES** button, however, ASL will only reinstate if the vehicle speed is less than the current speed set in memory and greater than 30 km/h (18 mph). The message centre will display an appropriate message if the vehicle speed is too fast to resume ASL.

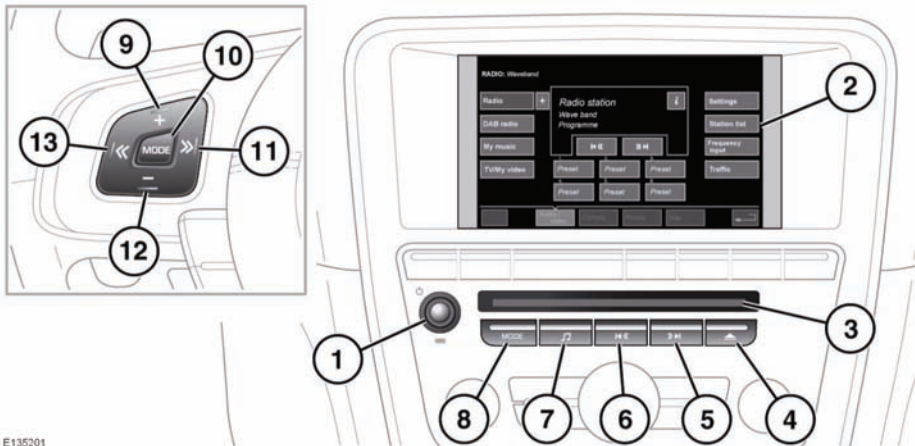
ASL WARNING LAMP



Illuminates (green) when Automatic Speed Limiter is active.

Audio/video overview

AUDIO/VIDEO CONTROLS



E135201



Sustained exposure to high sound levels can damage your hearing.

1. On/off and volume control: Press to switch the system on/off.
 - Rotate to adjust volume level (displayed on the touch screen).

Note: The audio system operates with the ignition on or off but will switch off with the ignition and need to be switched on again.
2. Touch screen.
3. CD load and eject slot.
4. Eject: Press to eject a CD.
5. Seek up: Short press to auto-seek to the next radio station, next TV channel on the channel list, or next track on chosen audio source.
 - Long press to activate manual-seek, scan forwards through a track or select the next preset TV channel.

6. Seek down: Short press to auto-seek to the previous radio station, previous TV channel on the channel list, or previous track on chosen audio source.
 - Long press to activate manual-seek, scan backwards through a track or select the previous preset TV channel.
7. Settings button: Press to display audio Settings menu.
8. **MODE**: Press repeatedly to scroll through all audio/video sources.
9. Press to increase volume.
10. **MODE**: Short press to scroll through all audio/video sources.
 - Long press to scroll through audio/video source sub selections, e.g. FM1, FM2, AM1, AM2.
11. Seek up: Short press to select the next radio preset, next preset TV channel, or next track on chosen audio source.
 - Long press to seek to the next radio station or to select the next TV channel on the channel list.
12. Press to decrease volume.

13. Seek down: Short press to select the previous radio preset or previous preset TV channel, or previous track on list.
- Long press to seek to the previous radio station or to select the previous TV channel on the channel list.

AUDIO SETTINGS

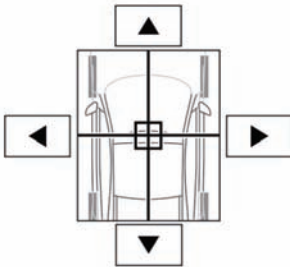
To view the audio settings menu, press the Settings button (7).

To adjust the sound settings:

- Touch the + or - soft keys to adjust Bass, Treble or Subwoofer levels.
- If surround sound is fitted, touch the appropriate soft key to select **DPL II X**, **DTS Neo6** or select **Stereo** to switch surround sound off.

To adjust balance and fade:

1. From the Sound settings menu, select **Balance/Fade**.



E132537

2. Touch the arrow soft keys to move the sound focal point to the desired area of the vehicle (the focal cross-hairs will appear red when not in the default position).

LICENSING



E132538



E132539

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E132540

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E132541

Audio/video overview



E132542

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E132543

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Covered by one or more of the following U.S. Patents: 7,295,673; 7,460,668; 7,519,274 EOM.



E132544

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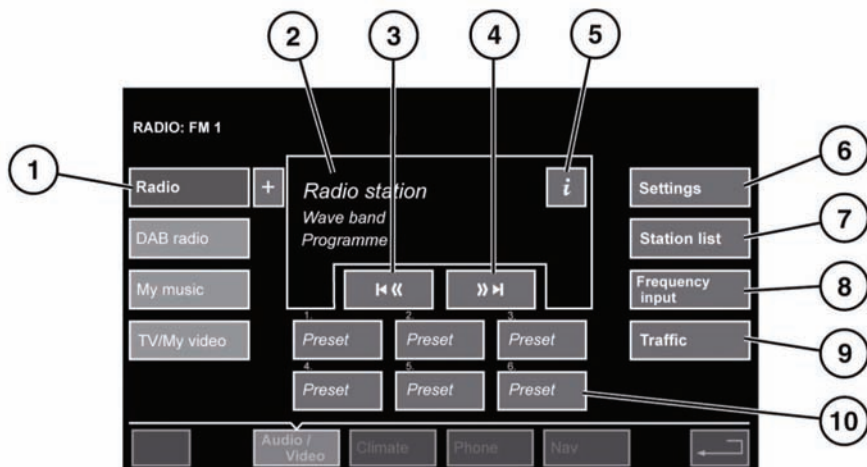
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RADIO CONTROLS



E133753

1. Waveband selection: Touch to view and select a waveband. The radio will tune to the last used station on that waveband. The waveband selection box will close after 5 seconds without use or can be closed manually by selecting **Radio** again.
2. Displays information about the current station. Some of this information is also displayed in the instrument panel.
3. Seek down: Short touch to auto seek down the frequency to the next radio station.
 - Long touch to activate manual seek mode. Further short touches change the frequency in single decrements. A further long touch will scan backwards through the current waveband until the soft key is released.
4. Seek up: Short touch to auto seek up the frequency to the next radio station.
 - Long touch to activate manual seek mode. Further short touches change the frequency in single increments. A further long touch will scan forwards through the current waveband until the soft key is released.
5. Radio text: If selected, the radio text broadcast by the radio station will be displayed in a pop-up.
6. Radio settings: Touch to view and activate/deactivate the following features: **RDS**, **Traffic**, **News**, **AF** and **REG**. See **99, RADIO DATA SYSTEM (RDS)**.
7. **Station list (FM only)**: Select to view a list of all available stations on the waveband. The list can be sorted by **Frequency**, **Name** or **Category** (pop, news, sport etc.), by selecting the appropriate soft key. Touch to select the chosen station.

If the stations are sorted by category, touch the chosen category to view and select a corresponding station.

Autostore (AM only): Select to store up to 6 of the strongest stations on the AM waveband. A progress pop-up is displayed. Stations stored using Autostore are available as presets on the AMA waveband.

8. **Frequency input:** Select to enter a known frequency of a station on the current waveband, using the numeric keypad that appears. Select **OK** or wait for 2 seconds to tune to the entered frequency.
9. **Traffic (Japan only):** Select to search for broadcasts on the two traffic information channels. If no traffic information is available, the previous frequency will resume.
10. **Station presets:** Each waveband has 6 preset positions.
 - Touch and release to tune to the station stored on that preset.
 - Touch and hold to store the current station on that preset (the radio will mute while the station is stored).
 - Use the seek buttons on the steering wheel to change to the next or previous preset station.

- **Regionalisation (REG):** Select to prevent the radio tuning into an alternative local station that has a stronger signal.
- **Alternative Frequency (AF):** Select to allow the radio to automatically re-tune to a stronger alternative frequency for the current station. This is useful on journey where the vehicle travels through different transmitter areas.

RADIO DATA SYSTEM (RDS)

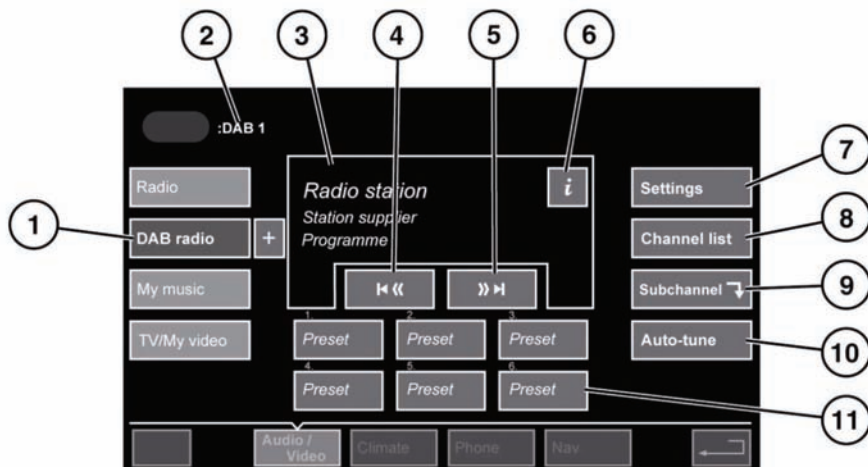
Your radio is equipped with RDS which enables the audio unit to receive additional information with normal FM radio signals.

Note: *Not all FM radio stations broadcast RDS information.*

Select **Settings** (6) to view or alter RDS settings.

- **Traffic/News:** Provides local travel or news information.

DAB RADIO CONTROLS



E133754

1. DAB band selection. Touch to view and select a DAB band (**DAB 1, 2 or 3**). The radio will tune to the last used channel on that band.
The DAB band selection box will close after 5 seconds without use or can be closed by selecting **DAB radio**.
2. Indicates the currently selected DAB band.
3. Display showing the current channel, the associated Ensemble and relevant DAB radio text.
4. Seek down: Short touch to seek previous available channel.
 - Long touch to seek previous available Ensemble. The first channel in the new Ensemble will be selected.
5. Seek up: Short touch to find the next available channel.
 - Long touch to find the next available Ensemble. The first channel in the new Ensemble will be selected.
6. Channel information: Touch to view DAB text and channel information.
7. Settings - select to view the Settings menu:
 - **Options:** To activate/deactivate FM Traffic and DAB Link and to alter DAB country and format settings (with vehicle stationary).
 - **Announcements:** Select an alarm announcement and up to 3 other announcement types (traffic, news etc.) from the list. The selected announcements will interrupt the current programme when broadcast.

8. Channel list: Touch to view a list of available Ensembles and channels. The list can be sorted by **Ensemble**, **Channel**, **Subchannel** or by **Category**.
- If an **Ensemble** is selected from the list, all available channels from that ensemble will be displayed.
 - Sorting by **Subchannel** is only available when the current channel is broadcasting subchannels.
 - If **Category** is selected, touch the chosen category to view corresponding channels, before making your selection from the list.

Once the desired selection has been made, select the Back soft key to return to the main DAB menu.

9. Subchannel tier: If subchannels are broadcast by the current channel, this soft key will be active. Select to view available subchannels and then select the chosen subchannel from the list.
10. Auto-tune: Select to scan for all available DAB Ensembles/channels. This needs to be done before using the DAB radio for the first time.

Auto-tune is also useful when travelling long distances, so regional Ensembles can be tuned.

During Auto-tune, a pop-up shows tuning progress.

The Auto-tune process will not affect current presets, but some presets may not operate if the channel they relate to is no longer available (**No reception** displays).

11. Station presets: Each DAB band has 6 preset positions.

- Touch and release to tune the radio to the station stored on that preset.
- Touch and hold to store the current station on that preset (the radio will mute while the station is stored).
- Use the seek buttons on the steering wheel to select the next or previous preset station.

Note: If you attempt to select a preset channel that is now unavailable or invalid, **No channel found** is displayed.

DIGITAL RADIO RECEPTION

DAB radio can significantly increase the number of radio channels/stations available. The DAB signals are transmitted to most major cities, towns and motorway networks.

Digital radio is transmitted from regional transmitters. Some local channels are not available outside the range of their transmitters. If you want to listen to local channels as you move around the country, use the auto-tune function (AUTO) to build new channel lists.

Note: If any auxiliary electrical equipment is connected to the vehicle, then this may reduce the DAB radio sound quality.

ENSEMBLES

Unlike AM/FM radio, DAB transmits several channels/stations on a single frequency. A group of channels is known as an ensemble. Some channels within the ensemble may have subchannels offering several listening options.

If reception is lost when the vehicle is in motion, the vehicle may be out of range of the ensemble. To build a new list of ensembles, select **Auto-tune**.

Portable media

PORTABLE MEDIA CONNECTIONS

Portable media devices can be connected to the front media hub located in the cubby box and the rear media hub located in the rear centre armrest. Compatible portable devices include:

- USB mass storage devices (e.g. a memory stick). Devices must use FAT or FAT32 file format.
- iPod (iPod Classic, iPod Touch, iPhone and iPod Nano are supported - full functionality for older devices cannot be guaranteed). iPod Shuffle functionality cannot be guaranteed.
- Auxiliary device (personal audio, MP3 players, all iPods).
- Auxiliary device connected with a composite audio/video connection.
- Devices with Bluetooth® connectivity. Devices must support A2DP and AVRCP Bluetooth® protocols).

If you are connecting an iPod, mass storage or Bluetooth® device, use the touch screen to operate and search the device. Many of the controls are similar to those available for CD play.

Note: Auxiliary devices have no touch screen control.

- ⚠ Please disconnect your iPod when leaving the vehicle. Failure to do so may result in the iPod battery discharging.

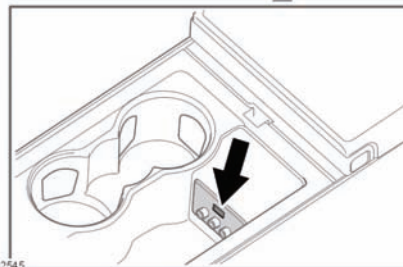
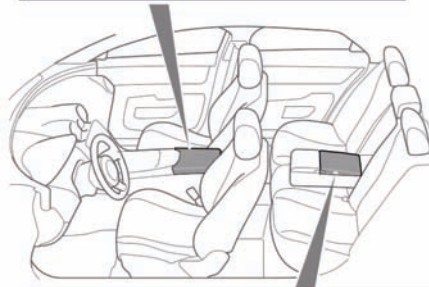
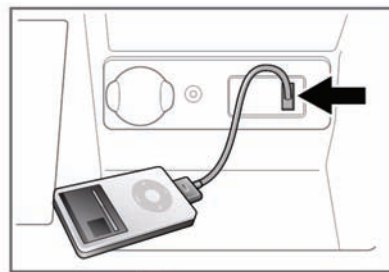
Note: The audio system will play MP3, WMA and AAC files.

To maximise playback quality, it is recommended that lossless compression is used for the iPod. If files on the iPod or USB are compressed it is recommended that the files utilise a minimum bitrate of 192 kbit/s (although a higher bitrate is strongly recommended).

Note: Some MP3 players have their own file system that is not supported by this system. To use your MP3 player, you must set it to USB Removable Device or Mass Storage Device mode. Only music that has been added to the device in this mode can be played.

iPod and iPhone are trademarks of Apple Inc., registered in the U.S. and other countries.

CONNECTING A DEVICE



E13254

Connect the device into the appropriate socket in the cubby box or rear centre armrest.

Note: Use the cable supplied with your media device to connect to the USB socket.

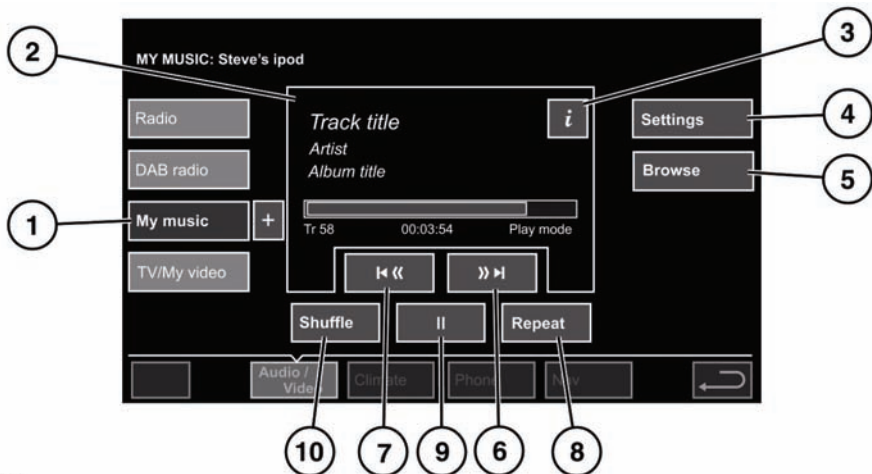
- On the touch screen Home menu, select **Audio/Video**. Then select **My music**.
- Select the required device (**iPod**, **USB**, **Bluetooth** or **AUX**). Playback will start and the playback control menu is displayed.

Note: You can also press the **MODE** button repeatedly to select the chosen device.

When an iPod is connected, playback will continue from the point at which it was last playing, provided the iPod battery is in a good state of charge.

When a USB device is connected, playback will start from the first track in the first available folder. If a device is already connected when My music is selected, playback will continue from the point at which it was last playing.

PORTABLE MEDIA CONTROLS



E133563

1. Touch to select the type of portable media device (**iPod**, **USB**, **Bluetooth** or **AUX**). Selection of CD playback is also made from this menu.
2. Display of information about the current track, including elapsed run-time. Some of this information is also displayed in the instrument panel.
3. Select to view more detailed information about the current track.
4. Select to switch traffic and news announcements on or off.

Additionally, for USB devices, you can select the number of list entries that are skipped when you use the page up/down arrows when navigating a list.

5. Browse (iPod/USB only):
 - Select to view the contents of the connected device which are displayed as dictated by the file structure.
 - Select a file to start playback (Browse view will remain). Select a folder or sub-folder to view their contents.
 - To return to the Controls menu, select the Back soft key.

Portable media

6. Skip/Scan forward:
 - Touch and release to skip to the next track.
 - Touch and hold to scan forwards through the current track. Playback will resume when the soft key is released.
7. Skip/Scan backward:
 - Touch and release within 3 seconds of track playback to skip to the previous track.
 - Touch and release after 3 seconds of track playback to skip to the beginning of the current track.
 - Touch and hold to scan backwards through the current track. Playback will resume when the soft key is released.
8. Repeat:
 - Select to repeat the current folder (USB) or repeat playlist (iPod).
 - Select again to cancel Repeat mode.

Note: Repeat mode is not available for Bluetooth® devices.

Note: Selecting **Shuffle** (10) will cancel Repeat mode.
9. Pause/Play: Select to pause playback. Select again to resume playback.
10. Shuffle:
 - Select once to play random tracks in the current folder (USB) or playlist (iPod). **Shuffle folder** or **Shuffle playlist** is displayed.
 - Select again to play random tracks from all folders (USB). **Shuffle all** is displayed.
 - Select again to cancel Shuffle mode.

Note: Shuffle mode is not available for Bluetooth® devices.

PLAYING A PORTABLE DEVICE

If you are using a USB mass storage device or approved iPod, you can control playback using the touch screen controls.

If you are using a Bluetooth® device, you can control playback using the touch screen, but some controls are unavailable.

If you are using any portable media device via the AUX socket, then you must control playback from the device itself.

CONNECTING MULTIPLE DEVICES



Do not plug non-audio devices into the USB port.

You can connect multiple devices simultaneously to the portable media interface and switch between them using the touch screen. Select **iPod**, **USB**, **Bluetooth** or **AUX**, to switch between modes.

The device docked first will remain the active device until you choose to change.

If, after changing to the newly-docked device, you change back to the first device, play will resume at the point you left it (USB and iPod only).

Note: You cannot use a USB hub to connect more than one USB device to the audio unit.

Note: Devices connected to the iPod and USB ports will be charged, but devices that are fully discharged will not play.

Note: Options such as **Repeat** and **Shuffle** relate to the device currently playing, they will not apply to any subsequent device.

PAIRING AND CONNECTING USING THE MEDIA PLAYER

For further information on Bluetooth®, see **122, BLUETOOTH® INFORMATION**.

Note: *The process of pairing and connecting your media player with the vehicle using the media device will vary depending on the type of media player.*

1. Switch on the ignition and ensure the touch screen is active.
2. From the My music menu, select **Bluetooth**, then select **Use device**.

Note: *The vehicle's Bluetooth® system is only discoverable for 3 minutes.*

Note: *The vehicle's Bluetooth® PIN must be the same number as entered on the media player.*

3. Using the media player, search for Bluetooth® devices. On some media players this is referred to as new paired device. See your media player's operating instructions for further information.
4. When the vehicle's Bluetooth® system is discovered (named Jaguar XJ), follow the on-screen instructions. Select **Yes** when prompted, to confirm the pairing.
5. When prompted, enter the Bluetooth® PIN (Personal Identification Number) and select **OK** to confirm.

Note: *The vehicle's Bluetooth® PIN must be the same number as entered on the media player.*

6. Once your media player is paired and connected to the system, a confirmation message will be displayed, before the control screen is shown.

Note: *Some media players do not automatically connect and need to be manually connected, via the device or by using the **Change device** option.*

PAIRING AND CONNECTING A BLUETOOTH® DEVICE USING THE TOUCH SCREEN

For further information on Bluetooth®, see **122, BLUETOOTH® INFORMATION**.

1. Switch on your media player's Bluetooth® connection, using the media player's menu. Make sure that your media player is in Bluetooth® 'discoverable' mode, sometimes referred to as 'find me' mode (see your media player's operating instructions for more information).
2. Switch on the ignition and ensure the touch screen is active.
3. From the My music menu, select **Bluetooth**, then select **Search new**.
4. Identify your media player from the displayed list and select the corresponding **Pair and connect** option.
5. When prompted, enter the 4-digit code into your media player (see your media player's operating instructions for more information).
6. Once your media player is paired and connected to the system, a confirmation message will be displayed, before the control screen is shown.

Note: *Due to the duration of a Bluetooth® search, it is advised that the timeout to home screen feature is switched off before attempting to search for Bluetooth® devices. This setting can be changed within **Vehicle, Syst. settings, Display set**.*

AUTOMATIC BLUETOOTH RECONNECTION

If devices have already been paired and connected, when Bluetooth is selected from the My music menu, the system will automatically connect to the last used device (a confirmation pop-up appears). If the last used device is not present, then the system will search for other previously connected devices and automatically connect if one is found.

If no previously connected device is found, **No device connected** is displayed and the **Search new**, **Change device** and **Use device** options are given.

LOSS OF CONNECTION

If a loss of connection between the vehicle and the Bluetooth device occurs, a pop-up is displayed. Select **Reconnect** to automatically restore the connection. A confirmation pop-up will appear before the touch screen reverts to its previous mode.

CHANGING/DISCONNECTING A DEVICE

- From the playback control menu, select **Settings**.
- From the Settings menu, select **Register**.
- Select **Disconnect**. A confirmation pop-up will appear and then you will be given the option to **Search new**, **Change device** or **Use device** to connect to a different device.

LOADING COMPACT DISCS

- ❗ Do not force the disc into the slot.
- ❗ Do not use irregular shaped CDs and CDs with a scratch protection film or self-adhesive labels attached.
- ❗ The CD unit will play compact discs that conform to the international Red Book standard audio specification. Playback of CDs not conforming to this standard cannot be guaranteed.
- ❗ Recordable (CD-R) discs and re-writable (CD-RW) discs may not function correctly.
- ❗ Dual format, dual-sided discs (DVD Plus, CD-DVD format) are thicker than normal CDs and consequently playback cannot be guaranteed and jamming may occur.

It is recommended that only high quality 12 cm (4.7 in.) circular discs are used.

The unit will play Compact Disc Digital Audio (CDDA) discs, MP3, WMA, WAV and AAC files.

The CD player will accommodate one disc at a time but up to 10 CDs can be uploaded onto the virtual store.

Only CDDA discs can be loaded into the virtual CD store.

To locate the CD load slot and the eject button, see **94, AUDIO/VIDEO CONTROLS**.

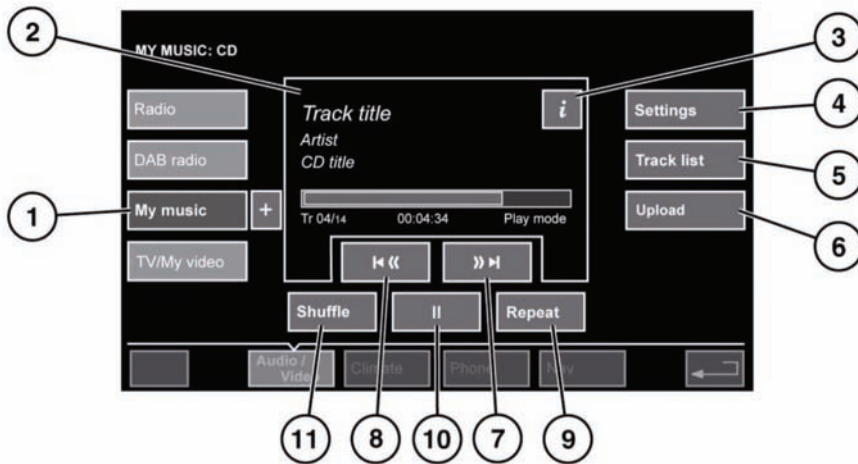
MP3 FILE PLAYBACK

If an MP3 CD is to be used, each session must be properly closed but the whole disc does not have to be finalised.

When Browse is selected, the list of folders and MP3 files is displayed. Select a folder to view and select the tracks contained within.

- The highest compression rate supported is 320k bits per second (kbps). If anything less than 128 kbps is used, Digital Signal Processing (DSP) functionality may be lost.
- The CD player may take a longer time to load an MP3 disc if there are more tracks than on a normal CD. To minimise loading time, a rigid folder structure is recommended.
- If a CD contains a mixture of MP3 and CDDA tracks, any MP3 tracks will be ignored.

CD PLAYER CONTROLS



1. Touch to select playback from either the current CD or from CDs uploaded onto the virtual CD store. Selection of portable media device playback is also made from this menu. See **103, PORTABLE MEDIA CONTROLS**.
2. Display of information about the current track, including elapsed run-time. Some of this information is also displayed in the instrument panel.
3. Select to view more detailed information about the current track.
4. Select to switch traffic and news announcements on or off.
5. Select to view the track list of the current CD or virtual CD. Select a track from the list to start playback. This is displayed as a Browse soft key on some screens.
6. Select to view and manage the CDs loaded onto the virtual store.
 - Select **Upload** alongside an empty slot to upload the current CD.
 - If the virtual store is full, select **Replace** to overwrite an existing CD.In each case a confirmation pop-up will appear. Select **Yes** to continue.
7. Skip/Scan forward: Touch and release to skip to the next track on the current CD.
 - Touch and hold to scan forwards through the current track. Playback will resume when the soft key is released.
8. Skip/Scan backward: Touch and release within 3 seconds of track playback to skip to the previous track.
 - Touch and release after 3 seconds of track playback to skip to the beginning of the current track.
 - Touch and hold to scan backwards through the current track. Playback will resume when the soft key is released.

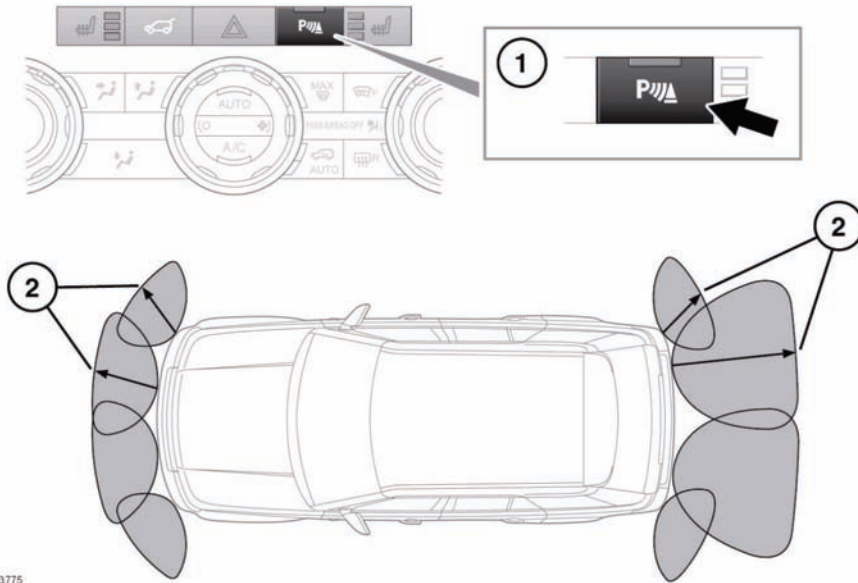
9. Repeat: Touch and release once to repeat the current track continuously until Repeat mode is cancelled. **Repeat track** is displayed.
- Touch and release again to repeat the current virtual CD (or folder for MP3 discs) continuously until Repeat mode is cancelled. **Repeat disc** is displayed.
 - Touch and release a third time to cancel Repeat mode.

***Note:** Selecting **Shuffle (11)** will cancel Repeat mode but **Repeat track** can be selected with Shuffle mode active (cancels the previously selected shuffle mode).*

10. Pause/Play: Select to pause playback. Select again to resume playback.
11. Shuffle: Touch and release once to play random tracks on the current CD (MP3 folder). **Shuffle disc** is displayed.
- Touch and release again to play random tracks from all virtual CDs (MP3 disc). **Shuffle all** is displayed.
 - Touch and release a third time to cancel Shuffle mode.

Television

TELEVISION CONTROLS



E133775

1. TV band/video input selection:

- Touch to view and select either digital (**DTV 1** or **DTV 2 - Digital**) or analogue (**TV - Analogue**) TV reception.
- From this menu, it is also possible to select other forms of media input (**DVD/CD**) provided the relevant media is present. The selected option will be displayed.

When changing between analogue and digital bands, the last tuned channel on the new band will be displayed. When changing between digital bands, the current channel will be displayed.

Note: After 5 seconds without use, the TV/My video menu will close.

- ### 2. Preview screen and program information:
- Touch to select full screen mode.
- ### 3. Seek down:
- Select to view the previous channel on the channel list.

- ### 4. Seek up:
- Select to view the next channel on the channel list.

- ### 5. Select to switch traffic and news announcements on or off.
- Can also be used to select an alternative analogue TV format when travelling abroad.

Note: Digital TV is not affected by a change of country.

- ### 6. Channel list:
- Select to view an alphabetical list of all channels currently available.
- A small preview of the current channel and program title is also displayed.
 - Touch a listed channel to change the preview and title to the new channel.
 - Touch the preview to view that channel.

Note: As the TV system is continually checking the availability of channels, it is possible for a channel to be in the list but not actually available (e.g. when driving through different transmitter regions).

After a country format change, the channel list will be empty until the system has scanned all channels at least once.

7. Channel presets: Long touch to store the current channel as a preset. The channel name will then be displayed on the soft key.
 - Short touch to select the channel stored on that preset.

Note: Stored presets contain information identifying the country where the preset was stored. When a preset is selected, the TV format of the country where the preset stored will be adopted. As analogue TV formats differ in different countries, this may create a situation where the analogue channel list is empty.

For information on the use of the audio/video controls on the audio unit and steering wheel, see **94, AUDIO/VIDEO CONTROLS**.

ANALOGUE/DIGITAL TELEVISION

The TV offers both analogue and digital TV reception. You can switch between the two modes using the touch screen controls.

- From the TV/My video menu, select **TV/My video** again or touch the + button alongside.
- Select the desired option from **DTV 1** or **DTV 2 - Digital** or **ATV - Analogue**. There is no difference in the reception mode between DTV 1 and DTV 2. The preset list is the only thing that changes.

FULL SCREEN VIEW

The TV main menu and the channel list display a small preview picture of the current channel. Touch the preview to select full screen mode. The TV controls and Electronic Program Guide (EPG) information (digital TV only) are displayed for 5 seconds before disappearing.

Short touch the screen again to view the controls and EPG information at any time.

To return to preview mode, touch and hold the full screen view.

FULL SCREEN VIEW CONTROLS

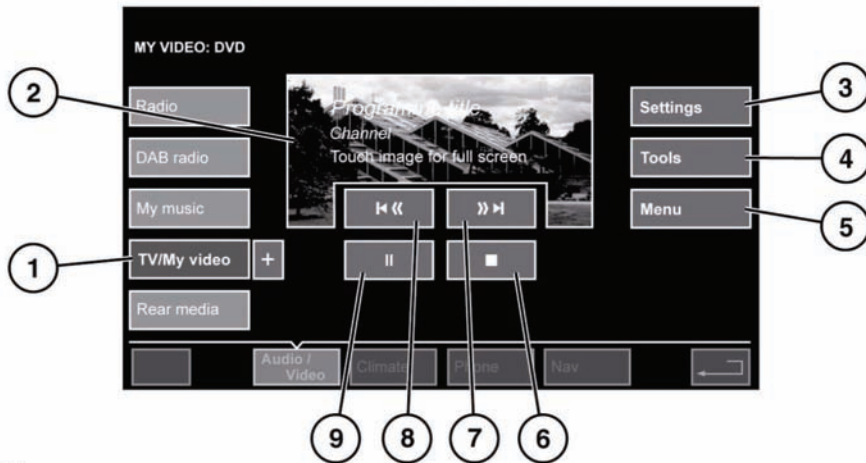
The seek controls operate in the same manner as they do in preview mode.

Analogue TV display format: Use the relevant soft key to select the **4:3**, **16:9** or **Zoom** option.

Digital TV display format: The picture can be displayed in either the correct format as transmitted by the broadcaster (either **4:3** or **16:9**) or select **Zoom** to magnify the picture.

Video media player

VIDEO MEDIA PLAYER CONTROLS



E132553

1. Select to view and select the desired video source (**DVD/CD/USB**) provided the relevant media is present.
2. Preview screen and video media information: Touch to select full screen mode.
3. Select to view the Settings menu.
4. Select to view the DVD tools options.
5. Select to view the DVD menu. This is replaced by a **Browse** soft key on some screens.
6. Select to pre-stop playback. A second touch will stop and reset the DVD.
7. Seek up: Select to view the next chapter on the video.
8. Seek down: Select to view the previous chapter on the video.
9. Select to pause/resume playback.

Note: For information on the use of the audio/video controls on the audio unit and steering wheel, see **94, AUDIO/VIDEO CONTROLS**.

LOADING DVDs

- ! Do not force the disc into the slot.
- ! Do not use irregular shaped DVDs and DVDs with a scratch protection film or self-adhesive labels attached.
- ! Recordable (DVD-R or DVD+R) discs may not function correctly.
- ! Dual format, dual-sided discs (DVD Plus, CD-DVD format) are thicker than normal CDs and consequently playback cannot be guaranteed, and jamming may occur.

It is recommended that only high quality 12 cm (4.7 in.) circular discs are used.

To locate the DVD load slot and the eject button, see **94, AUDIO/VIDEO CONTROLS**.

VIDEO MEDIA INHIBIT WITH VEHICLE MOVING

The video media can only be viewed from the driving position when the vehicle is stationary, with the gear selector in Park (**P**) and the parking brake applied.

If **P** is deselected or the parking brake is released, the touch screen will revert to the TV/My video menu and the relevant safety message will be displayed. If Dual view is fitted, a prompt for the passenger to activate dual view is displayed.

With video media selected for the passenger using the dual view feature, the video media display will remain once the vehicle is moving but any adjustments can only be made using the audio controls on the fascia or by using the dual view button. See **114, DUAL VIEW**.

SETTINGS

Depending on the video media specification, there are 2 sub-menus within settings: **Options** and **VOD** (Video On Demand). The **VOD** option allows you to access VOD content from a DVD or USB device. When the video is downloaded from the website, a registration code must be entered in order to watch the content. If an invalid code is entered, playback will be inhibited.

Touch the **VOD** soft key on the Settings screen to view the registration code.

TOOLS

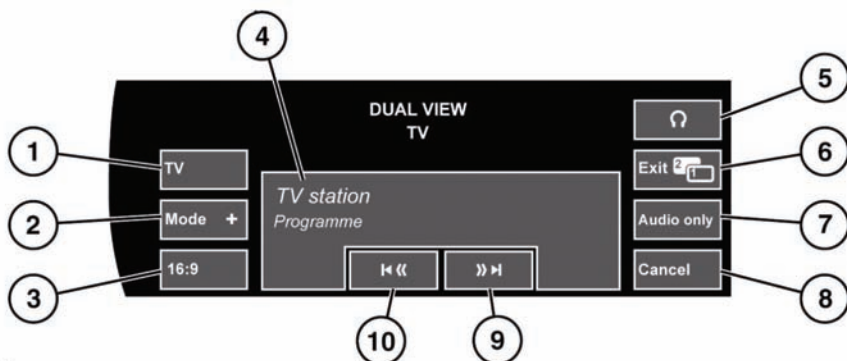
The tools menu contains the following options:

- Subtitles.
- Angle.
- Audio.
- GOTO.

The GOTO menu allows you to access specific parts of the video, by **Chapter** or **Title**.

Dual view

DUAL VIEW



E13255

Dual view allows the front passenger to view TV or other video media on the touch screen, while the driver uses an alternative system (e.g. radio or navigation).

Note: If the driver has selected an alternative audio source (e.g. radio), this will be heard over the vehicle speakers. The passenger will need to listen to the dual view source using the wireless headphones.



Press this button (located below the touch screen) to activate dual view mode. Once dual view is active, the passenger should press this button to display/cancel the dual view controls menu.

Note: The controls menu will also be displayed on the driver's view.

Note: Rear seat passengers may be able to see both views when dual view is active.

DUAL VIEW CONTROLS

1. Select to cancel dual view and revert to the main menu for the current video device (TV, DVD/CD).

Note: The preview screen will be deactivated if the vehicle is moving.

2. Select to view a list of all available video sources. Touch the relevant soft key to select an alternative source. The controls menu for that source will then be displayed.
3. Select to change the picture format (4:3, Zoom, 16:9). The next available format is displayed on the soft key. See **111, FULL SCREEN VIEW CONTROLS**.
4. Information on the current video source (e.g. TV channel and program name).
5. Select to switch wireless headphone output on or off.
6. Select to cancel dual view: The touch screen reverts to the menu currently in use by the driver.
7. Select to retain audio for the video source while the display reverts to the menu currently in use by the driver.

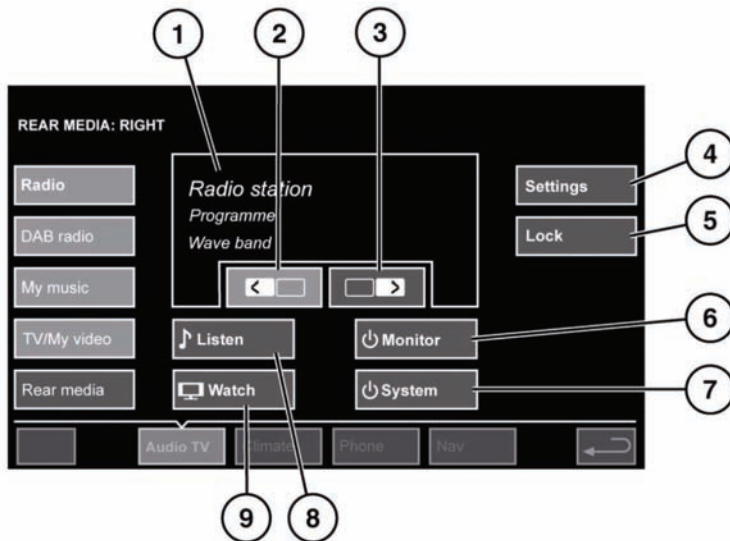
8. Select to dismiss the dual view controls pop-up.
9. Seek up: Select to view the next channel on the channel list or the next track on CD or DVD.
10. Seek down: Select to view the previous channel on the channel list or the previous track on CD or DVD.

Note: *If the chosen media is CD or DVD, then a play/pause soft key is displayed between the Seek soft keys.*

Note: *If the controls menu is not used for over 5 seconds, the display will revert to full screen mode. Press the dual view button again to view the controls.*

Rear seat entertainment

CONTROLS (FRONT TOUCH SCREEN)



E134598

1. Current media display.
2. Left rear screen select.
3. Right rear screen select.
4. Settings screen.
5. Remote control lock.
6. Turns off the selected screen.
7. Rear media on/off.
8. Audio source select.
9. Video source select.

REAR MEDIA CONTROL FROM THE TOUCH SCREEN

When the main rear media control screen is displayed on the touch screen, the rear media remote control will be locked out. No part of the rear media system will operate until it is turned on via the touch screen.

REAR MEDIA SETTINGS

The rear media settings screen allows **Limousine Mode** and **Parental Control** to be turned on or off, and the **Age Warning** threshold to be set.

When **Limousine Mode** is on, the rear passengers will have control of the total cabin audio system via the remote control.

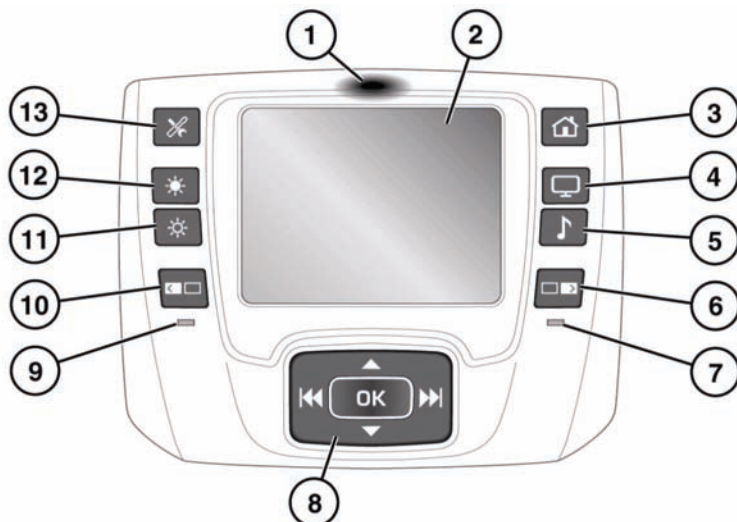
When **Parental Control** is on and the age limit is set, a message is sent to the touch screen if the content is unsuitable.



It remains the responsibility of the parent or guardian to ensure that the content is suitable for viewing by children.

Note: When **Parental Control** is off the age limit slider is hidden.

TOUCH SCREEN REMOTE CONTROL



E132561

1. Press to undock remote control.

! Do not press the touch screen to undock the remote control.

2. Touch screen.
3. Home screen.
4. Video source.
5. Audio source.
6. Right screen select.
7. Right screen tell-tale. Illuminates when right screen has been selected.
8. Cursor movement and option select buttons.
9. Left screen tell-tale. Illuminates when left screen has been selected.
10. Left screen select.
11. Touch screen brightness decrease.
12. Touch screen brightness increase.
13. Touch screen settings.

USING RSE

The system is operated using the remote control either while it is docked in the rear seat arm rest, or when it is removed and hand-held. The remote is removed from the arm rest by pressing the top of the remote (1) to unlatch it.

! Do not attempt to pull the remote control out of its docked position.

When the system is activated the remote control touch screen becomes active.



E132562

Rear seat entertainment

Using the appropriate button (**6** or **10**) or on screen soft key (right or left) to select the required screen, will allow options to be set and selected.

Note: A help screen is available from each screen/menu. To view the help screen for guidance on the available functions and options, touch the question mark (?) icon.



E132563

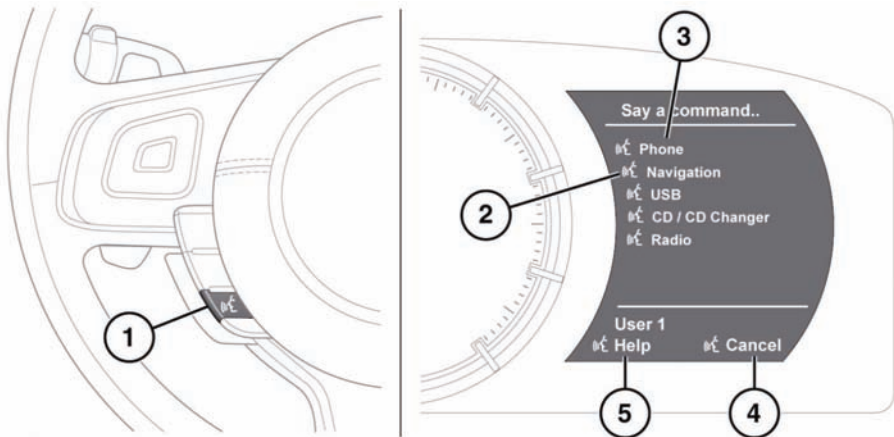
HEADPHONES

The volume control for each set of headphones is adjusted on the headphones.

REMOTE CONTROL BATTERY

The remote control battery is automatically recharged while the remote is docked. The battery is not serviceable and should not be changed or removed by the user.

USING VOICE CONTROL



E132564

1. Voice button: Press briefly to start a voice session. Press and hold to cancel a voice session.
Note: Briefly press the Voice button, during a voice session, to interrupt audible feedback. Wait for the tone to sound before giving the next command.
2. Voice symbol: Indicates that a command is available. Wait for the symbol to appear (a tone will also sound) before using the command.
3. Command list. Appears on the right side of the instrument panel, providing feedback and available commands at each stage of the voice session.
Note: As the commands are listed before the system is ready to listen, it is important to wait for the voice symbol to appear alongside the relevant command, before using the command.
4. When displayed, say **Cancel** to cancel the current voice session.
5. When displayed, say **Help** to get assistance during a voice session.

Voice control is operated by following this procedure:

1. Briefly press the Voice button to start a voice session.

2. Wait for the command list to appear in the instrument panel. When the system is ready, a tone sounds and the voice symbols appear next to the commands.
3. Say an available command.
Note: As the commands are listed before the system is ready to listen, it is important to wait for the voice symbol to appear alongside the relevant command, before using the command.
4. Wait for the list to update with any feedback and available commands for the next stage of the session. Wait for the tone to sound.
5. Say the next command.
6. Repeat this procedure until the chosen task is accomplished.

Note: If any information is longer than the available space on the menu, ...> will appear. Use the right and left arrow joypad controls on the steering wheel to view the entire entry.

Voice control

VOICE TUTORIAL

To listen to a tutorial detailing the operation of the Voice system:

- Briefly press the Voice button to start a voice session.
- Wait for the tone to sound, then say **Voice tutorial**.

Alternatively, the tutorial can be selected using the touch screen, as follows.

- Select **Setup** from the touch screen Home menu.
- Select **Voice** from the Setup menu.
- Select **Op.. guide** from the Voice settings menu.
- Select **Voice tutorial**.

The voice tutorial can be cancelled at any time by selecting **Cancel** on the on-screen pop-up or by pressing and holding the Voice button.

VOICE TRAINING

This is a feature designed to enable the system to better recognise the vocal characteristics of a user, once the training has been completed. To carry out Voice training:

- Select **Setup** from the Home menu.
- Select **Voice** and from the Setup menu.
- Select **Voice training** from the Voice settings menu.
- Select **User 1** or **User 2**, to start the training.
- Follow the on-screen and audible instructions.

The training session can be cancelled at any time by selecting **Cancel** from the on-screen pop-up or by pressing and holding the Voice button.

VOICE SESSION INTERRUPTIONS

Certain conditions will cause the current voice session to be cancelled, as follows:

- If a high priority warning appears in the message centre.
- If there is no user input for a sustained length of time.

Press the Voice button to start a new voice session.

Note: *It is not possible to start the new voice session until the warning has been displayed for at least 4 seconds.*

VOICETAGS

Voicetags enable the user to personalise the Voice system so that a single name can be used to call-up a navigation destination, telephone number or radio channel.

To add a Voicetag:

- Select **Setup** from the Home menu.
- Select **Voice** from the Setup menu.
- Select **Voicetags** from the Voice settings menu.
- Select the system which the Voicetag is to activate (**Phone, Navigation** or **Radio**).

Follow the on-screen and audible instructions.

NAVIGATION POI VOICE COMMANDS

To request the display of POI (Point Of Interest) identifiers on the navigation display, say the command **Navigation**, followed by the name of the desired POI category from the list below (e.g. **Navigation Parking**).

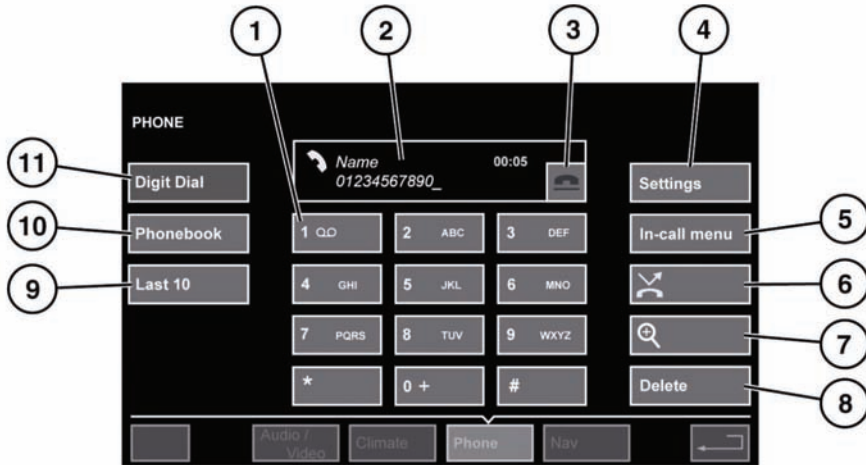
- **Navigation (Petrol Station | Petrol)**
- **Navigation (Parking | Car Park)**
- **Navigation Jaguar Dealer**
- **Navigation Hospital**
- **Navigation Golf course**
- **Navigation Tourist information**
- **Navigation (Restaurant | I'm Hungry)**
- **Navigation Shopping centre**
- **Navigation Hotel**
- **Navigation Motorway service**
- **Navigation Town centre**

E132565

Icons will appear on the navigation display, indicating the locations of the selected POI. For further information about POIs, see **134, POINTS OF INTEREST (POI)**.

Telephone

TELEPHONE SYSTEM OVERVIEW



E132569

1. Touch and hold to retrieve your Voice mail.
2. Status display. Displays the name and/or number dialed and call duration.
3. Call Connect/Disconnect icons. Touch to send/accept or end/reject a call.
4. Select to access the Settings options; Devices, Voice mail, Answer options and Phone options.
5. Select to access the in-call menu options; Mute microphone and Privacy mode.
6. Touch to activate/deactivate Auto reject. When active, any incoming calls will be rejected or diverted to voice mail (depending on mobile phone settings).
7. Select to enlarge the telephone keypad. Select again to return the keypad to the original size.
8. Touch and release to delete the last entered digit. Touch and hold to delete the whole entered number.
9. Select to access the last 10 dialed, received and missed calls.

10. Select to access the phonebook.
11. Select to access Digit Dial mode.

BLUETOOTH® INFORMATION



Bluetooth® is the name for short-range radio frequency (RF) technology that allows electronic devices to communicate wirelessly with each other.

The Jaguar Bluetooth® system supports Bluetooth® Hands-Free Profile (HFP), Advanced Audio Distribution Profile (A2DP) and Audio Video Remote Control Profile (AVRCP).

Note: HFP and A2DP/AVRCP profiles can be connected independently, so a phone can be connected via one, while a media device can be connected via the other, at the same time.

Before use, your mobile phone must be paired and connected with the vehicle's Bluetooth® system. This is done via your mobile phone or the touch screen. See **124, PAIRING AND CONNECTING USING THE TOUCH SCREEN** or **124, PAIRING AND CONNECTING USING THE MOBILE PHONE**.

Once a mobile phone has been paired and connected with the vehicle, the system will attempt to connect with the last connected phone each time the ignition is switched on.

As these mobile phones have a wide range of audio and echo characteristics, it may take a few seconds for the vehicle's Bluetooth® system to adapt and deliver optimum audio performance.

To get the best performance and minimal echo and noise from the hands-free system, it may be necessary to reduce the in-vehicle volume and ventilation fan speed slightly.

TELEPHONE SAFETY



Switch off your telephone in areas with a high explosion risk. This includes filling stations, fuel storage areas or chemical factories, as well as places where the air contains fuel vapour, chemicals or metal dust.



The functioning of cardiac pacemakers or hearing aids may be impaired when the phone is in use. Check with a doctor or manufacturer whether any such devices you or your passengers are using, are sufficiently protected against high-frequency energy.

The Health Industry Manufacturers' Association recommends that a minimum separation of 15 centimetres (six inches) is maintained between a wireless phone antenna and a pacemaker, to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by, and recommendations of, Wireless Technology Research.



Always stow your mobile phone securely.

TELEPHONE COMPATIBILITY

The vehicle's Bluetooth® telephone system can be used with an appropriate Bluetooth® equipped mobile telephone.

Note: *Some Bluetooth® mobile phones are better than others at utilising the full potential of the vehicle's Bluetooth® system.*

Please refer to the Ownership section of the Jaguar website at www.jaguar.com, for a list of compatible phones. Alternatively, please refer to your Dealer/Authorised Repairer.

Note: *The Bluetooth® equipped phones listed on Jaguar.com, have been tested for compatibility with Jaguar vehicles. Performance will vary based on the phone's software version, battery condition, coverage and your network provider. Phones are warranted by their manufacturer, not Jaguar.*

The Bluetooth® system supports Bluetooth® Hands Free Profile 1.5 (HFP 1.5). If the mobile phone paired to the system also supports this profile, additional features will be available such as battery meter, signal strength and network operator. If the mobile phone does not support these features, they will not be available on the touch screen. However, you can refer to the mobile phone's display to determine these items.

Telephone

PAIRING AND CONNECTING USING THE MOBILE PHONE

Rather than using the telephone system to search for your phone, you can choose to pair and connect to the system from your mobile phone.

Note: *The process of pairing and connecting your phone with the vehicle using the mobile phone will vary depending on the type of mobile phone used.*

1. Switch the ignition system on and ensure that the touch screen is active.
2. From the home menu, select **Phone**.
3. A menu will appear. Select **Use handset**.

Note: *The time that the vehicle's Bluetooth® system is discoverable is limited to 3 minutes.*

Note: *The vehicle's Bluetooth® PIN must be the same as entered on the phone.*

4. Using the mobile phone, search for Bluetooth® devices. On some phones, this is referred to as new paired device. See your phone's operating instructions for further information.
5. When the vehicle's Bluetooth® system is discovered (named Jaguar XJ) by the mobile phone, use the phone to begin pairing. Either the mobile phone or the vehicle's Bluetooth® system will ask you to enter a Personal Identification Number (PIN). Enter a PIN of your choice and press **OK**.
6. Enter the same PIN into the other device.
Note: *The vehicle's Bluetooth® PIN must be the same as entered on the phone.*
7. Once your phone is paired and connected to the system, a confirmation message will be displayed before switching to the Digit Dial screen.

Note: *Some mobile phones do not automatically connect and will require to be manually connected via the handset or using the **Change phone** option.*

PAIRING AND CONNECTING USING THE TOUCH SCREEN

1. Switch on your mobile phone's Bluetooth® connection using the phone's menu. Make sure that your mobile phone is in Bluetooth® 'discoverable' mode, sometimes referred to as 'find me' mode (see your phone's operating instructions for more information).
2. Switch the ignition system on and ensure the touch screen is active.
3. From the home menu, select **Phone**.
4. A menu will appear. Select **Search new**.
5. Identify your phone from the displayed list and select the corresponding **Pair and connect** option.
Note: *If more than 5 phones are detected, it may be necessary to use the scroll bar to see the entire list.*
6. When prompted, enter the 4-digit code into your phone (see your phone's operating instructions for more information).
7. Once your phone is paired and connected to the system, a confirmation message will be displayed before switching to the Digit Dial screen.

Note: *Some mobile phones require the Bluetooth® pairing to be set as 'authorised' or 'trusted' in order to automatically connect. Please see your phone's operating instructions for further information.*

Note: Due to the duration of a Bluetooth® search, it is advised that the timeout to home screen feature is switched off before attempting to search for Bluetooth® devices. This setting can be changed within **Vehicle, Syst settings, Display set, Timeout to home screen.**

CHANGING THE CONNECTED PHONE

Up to 10 mobile phones can be paired with the vehicle in the same way. However, only one can be connected as a phone at any one time.

To connect a different paired phone to the vehicle, follow the steps below:

1. From the home menu, select **Phone**.
2. A menu will appear. Select **Change phone**.
3. Identify your phone from the displayed list and select the corresponding **Connect** option.
4. Once your phone is connected to the system, a confirmation message will be displayed before switching to the Digit Dial screen.

TELEPHONE SYSTEM ICONS



Connect icon. Use to send or accept a call



Disconnect icon. Use to end or reject a call.



Phone signal strength indicator.



Phone battery level indicator.



Phone device icon - indicates that a detected Bluetooth® device is a phone.



Media player device icon - indicates that a detected Bluetooth® device is a media player.



Scroll bar arrows. Use to scroll up or down lists of detected phones, calls or phonebook entries.



STEERING WHEEL CONTROLS



Connect switch. Press and release to send or accept a call or to access the last 10 dialled list. Press and hold to access the phonebook.



Disconnect switch. Use to end or reject a call.



No phone connected.



Voice control talk button.



Press to increase call volume.



Press to decrease call volume.



Press to scroll up or down lists of calls or phonebook entries.



CALL VOLUME

The phone call volume is operated by the audio system's volume control.

Telephone

If the audio system is in use when a phone call is active, the audio system source is suppressed for the duration of the call. Navigation instructions and parking aid warnings are not suppressed.

DIALLING

Once your phone is connected to the vehicle's system, Digit Dial is the default screen in Phone mode.

Using the on-screen keypad, enter the required number and touch the connect icon to send.

Note: When entering a number, you can change the phone number shown on the touch screen using the **Delete** button. A momentary touch erases a single digit, a long touch erases the complete number.

PHONEBOOK

The vehicle system will automatically download contact information from the mobile phone to the vehicle's phonebook each time the it is connected to the system.

To enable/disable the Auto download feature:

1. From the Phone menu, select **Settings**.
2. Select **Phone options**.
3. Select **Phonebook**.
4. Select Auto download **Off** or **On**.

Note: It is only possible to view the phonebook of the phone that is currently connected to the vehicle's system.

To access contacts from the phonebook:

1. From the Phone menu, select **Phonebook**.
2. Using the alpha keys, select the letter you wish to search under. Repeated selections of the same key scrolls through the letters displayed on the keys.
3. Select **OK** to confirm.

4. Identify the required contact from the displayed list and touch to call. If a contact has more than one number stored, select the required number from the list.

There are also options to view more contact information, by selecting the corresponding **i** key.

Note: It may be necessary to use the scroll bar to see the entire list.

Certain mobile phones store the phonebook in two different areas, the SIM card and the phone memory. The vehicle will only download contact information from the phone memory. To ensure all contacts are downloaded, they must be copied from the SIM card to the phone memory.

If your phone supports contact type data, you will be able to see a contact type icon in the vehicle's phonebook directory. These can be seen on the right-hand side of each contact in the directory and will indicate one of the following types:



Voice (Default).



Mobile.



Home.



Work.

LAST 10 OPTION

The **Last 10** option allows you to view the last 10 calls made, received or missed.

1. From the Phone menu, select **Last 10**.
2. Select **Calls made**, **Calls received** or **Calls missed**.

3. Identify the required call from the displayed list and touch to call.

There is also an option to view more contact information by selecting the corresponding **i** key.

Note: *It may be necessary to use the scroll bar to see the entire list.*

Note: *The vehicle will display the list in the order the calls were recorded. If this information is not available, they will be displayed as they are sent from the mobile phone. Some phones may arrange the list in reverse or other order.*

Note: *If the mobile phone does not provide this list, the vehicle will create a Last 10 list. This list will be discarded when the phone is disconnected.*

SETTINGS

Depending on vehicle specification, there are up to 4 options in the **Settings** menu.

1. The **Devices** option allows you to disconnect the phone from the system, change the connected phone, search for a new Bluetooth® enabled phone or to enable a phone to discover and pair to the vehicle's system.
2. The **Voice mail** option allows you to save or edit the number of the voice mail server for your specified network provider.
3. The **Answer options** allows you to enable/disable the Auto answer and Caller announce features.
4. The **Phone options** allow you to set your desired ring tone either to the preset car ring tone, or to the handset ring tone. The Phone options also gives you access to the Phonebook options. See **126**, **PHONEBOOK**.

DECLARATION OF CONFORMITY

Export controls

This product contains commodities, technology or software exported from the United States in accordance with the Export Administration regulations. Diversion contrary to U.S. or Canadian law is prohibited.

United States of America

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Canada

IC-RSS-210: Operation is subject to the following two conditions:

- (1) this device may not cause interference, and
- (2) this device must accept any interference, including interference that may cause undesired operation of the device.

This equipment complies with FCC/IC radiation exposure limits set forth for uncontrolled equipment and meets the FCC radio frequency (RF) Exposure Guidelines in Supplement C to OET65 and RSS-102 of the IC radio frequency (RF) Exposure rules. This equipment has very low levels of RF energy that is deemed to comply without maximum permissive exposure evaluation (MPE).

But it is desirable that it should be installed and operated with at least 20cm (8 inches) and more between the radiator and person's body (excluding extremities: hands, wrists, feet and ankles).

USA FCC ID: A269ZUA130

Canada IC: 700BIAM2101

Telephone

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: *This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.*

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- * Reorient or relocate the receiving antenna.*
- * Increase the separation between the equipment and the receiver.*
- * Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.*
- * Consult a Dealer/Authorized Repairer or an experienced radio/TV technician for help.*

THE NAVIGATION SYSTEM

Navigation instruction is by map and turn information displayed on the touch screen and can be complemented by voice guidance if required. A detailed intersection map is also displayed in the instrument panel. The system uses signals from Global Positioning System (GPS) satellites combined with information from vehicle sensors and from data stored on the hard drive, to establish the true vehicle position.

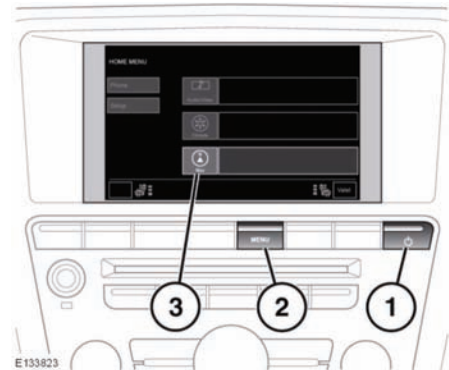
Note: Mapping data loaded on the hard drive is relevant to the market in which the vehicle is first sold and will provide guidance and information only for that area. Your local Jaguar Dealer will have details of software updates.

Using this combination of data sources the vehicle navigation computer enables you to plan and follow a route map to your desired destination.

The touch screen is used to control navigation via menus, text screens and map displays.

USING THE NAVIGATION SYSTEM

If the screen is already displaying another function (radio, phone, etc.) touch either the back arrow or the **Menu** button below the touch-screen to access the Home Menu.



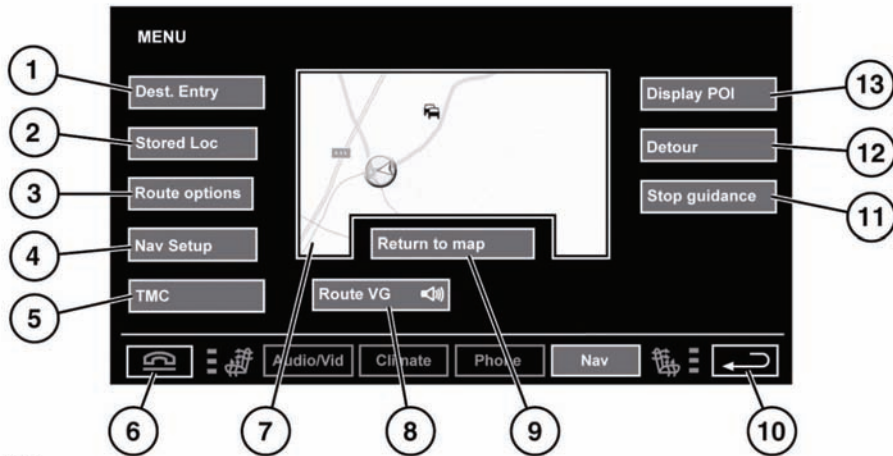
1. Touch screen on/off.
2. Return to the home menu.
3. Navigation soft key. Touch to select Navigation.

Select **Nav**.

Read the caution and touch **Agree** or select **Language** if you need to select a different navigation language.

Navigation system

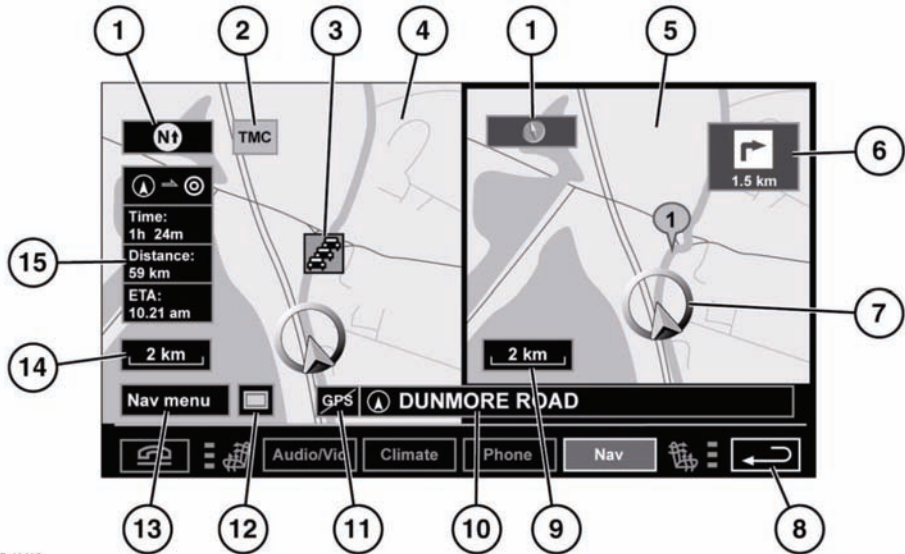
MAIN MENU



E133824

1. Provides a choice of options for entering a destination.
2. Manage the stored destinations.
3. Allows the user to select various options for the route.
4. Provides access to user selectable settings for the navigation system.
5. TMC (Traffic Message Channel). Not used for entering a destination but, when enabled, will provide data about road conditions and any events that may affect the journey.
6. Repeats the previous guidance instruction.
7. Map screen. Displays current vehicle position.
8. Allows the voice guidance messages to be turned off for the current journey.
9. Returns to the previous screen.
10. Advances to the main map screen.
11. Cancels current route guidance.
12. Allows the user to take a detour from the current route.
13. Allows the user to turn off POI icons from the map.

MAP SPLIT SCREEN



E133825

1. Compass (always indicates north). Press to change style of icon.
2. TMC (Traffic Message Channel) information.
3. TMC event (traffic congestion).
4. Normal screen.
5. Split screen.
6. Next direction display.
7. Current vehicle position.
8. Return to the previous screen.
9. Split screen scale/zoom setting.
10. Current street location.
11. No GPS signal.
12. Screen mode selection.
13. Navigation menu.
14. Normal screen scale/zoom setting.
15. Time/distance to destination.

SCREEN MODES

Touch the screen mode selection button (12) to view a series of icons, each depicting a different screen mode (as detailed below). Touch the relevant icon to select the desired screen mode.



Full screen view.



Split screen view. A more detailed view of the local area and road system is displayed on the right.



Shows the next junction in the right half screen.



This view is only available when travelling on a motorway. It displays automatically to show remaining motorway exits along your route.

Navigation system



Shows list of forthcoming junctions and turn directions on the right half screen.

SEARCH AREA

The navigation map database is divided into countries, or areas of countries, called search areas. When setting a route, the destination (or waypoint) entered must be in the currently selected search area.

Before attempting to set a destination or waypoint, set the correct search area as follows:

- Select **Dest. entry** from the main navigation menu. The information window will show the currently selected search area.
- Select **Search area**.
- Scroll through the list and select the 3 letter code that corresponds to the desired destination area.
- Select **OK**. The destination entry menu is shown and the information window shows the currently selected search area.

SETTING A DESTINATION

After touching **Agree**, the initial map screen is displayed, now select **Nav Menu**

From the Navigation Menu, select **Dest. Entry**.

*Note: If you wish to view the map without the buttons showing, touch **Return to map**. To display the buttons, touch **Nav Menu**.*

Select **Address** from the **Destination** screen and input the town name.

Once sufficient letters have been entered, touch **List** to display all the possible towns.

If necessary, use the scroll arrows to the left of the list to search up or down. Select the town you require.

Now enter the road name. Once sufficient letters have been entered, touch **List** to display all the possible roads.

Select the road you require.

Enter the house number of the address (if known) then touch **OK** to confirm.

If the house number is not known, press **OK** - the mid-point of the road is then used as the destination.

Note: If a list of house number ranges is displayed, select the applicable range and then enter the number.

The map screen showing the route settings and destination details is displayed.

START GUIDANCE

After touching **Destination**, the system will calculate the route.

There is now a choice to select **3 Routes**, **Change route** or to **Start** navigation guidance.

Touch **3 Routes** to display a choice of three different route options on the map.

The roads on the map are drawn in three different colours to highlight each route.

Select route **1**, **2** or **3** by touching the respective box displayed on the right side of the map.

Touch **Change Route** followed by **Route prefs.** to change the route settings. If a destination is already set, touch **Waypoint** to add a waypoint in the journey if required.

When you have made your selection, if any, touch **Start**.

Note: As you approach a junction, in addition to the voice guidance, an inset on the map will display an enlarged view of the junction.

EASY ROUTE

In **Route options**, **Easy Route** can be turned **On** or **Off**.

When **On** is selected, **Easy Route** changes the route calculation parameters of **Route 3** in order to reduce:

- Junctions.
- Turns.
- Turns that cross traffic.
- The priority of minor roads.
- Complex junctions and manoeuvres.

LEARN ROUTE

In **Route options**, **Learn Route** can be turned **On** or **Off**.

When **On** is selected, if you make the same deviation from the proposed route three times, then the system will memorize the deviation and offer that as the normal route from then on.

Select **Delete all** to delete any learnt routes and return to the default settings.

VOICE GUIDANCE

The last voice guidance message can be repeated by touching the speaker icon on the screen.

To turn voice guidance on or off but maintain route guidance, proceed as follows:

1. Touch the **Nav Menu** soft key.
2. Touch the **Route VG** soft key. The soft key will be highlighted when voice guidance messages are enabled.

CANCEL ROUTE GUIDANCE

To cancel guidance, touch **Nav Menu** on the touch screen, and then **Stop Guidance**.

QUICK POI SELECTION

Touch the Map screen to display the POI button. Touch the **POI** button. The screen shows six suggested categories, five of which can be selected as quick points of interest.

***Note:** The POI icons will not be shown if the map zoom level is greater than 1 km (½ mile).*

Select a Quick POI category, or select **More** to see further POIs. Touch **OK** to confirm a selection.

The map screen with the POI icon(s) is displayed. Select the five POIs you wish to see when the Quick POIs are displayed.

RESTORE SYSTEM DEFAULTS

If you have made any changes to the system's default settings, use this menu to restore the original settings.

MEMORY POINTS

From the navigation menu, select **Stored Loc**. This enables you to manage destinations such as, place of work, home, favourite restaurant.

From the Stored Locations menu you can save up to 400 memory points or add your home address.

Select **Memory Points** to add a stored location.

Touching any of the **Stored Locations** submenus allows you to **Add**, **Edit** or **Delete**.

Select **Add** to store a memory point.

MEMORY POINT DETAILS

- Touch **Info**. to display the details of the selected memory point.

The details include Icon, Name, Position and Tel.

The telephone number can be called by touching the telephone button if a Jaguar telephone is fitted.

Navigation system

The memory point details can be edited from the **Stored Loc** screen.

POSTCODE

Not all countries have this facility. Enter the postcode of your waypoint or destination from the keypad. The postcode must be entered precisely, including any spaces or punctuation. When the postcode has been entered touch **OK**.

EMERGENCY

Not all countries have this facility. Touch **Emergency** on the **Dest. Entry** screen to display a list of local police stations, hospitals or Jaguar Dealerships.

Press **Name** to display the list in alphabetical order or **Distance** to display the list in order of proximity to the current vehicle location.

Touch the name of the facility to set it as a destination or waypoint.

MAP

After selecting map, the local area map is displayed. Drag the circle to the area for your destination or waypoint, zooming in if required.

This location can be stored as a destination or waypoint.

COORDINATES

If you know the coordinates of your destination they can be entered from this screen. The full latitude must be entered first before the longitude coordinates can be entered.

When the coordinates have been entered, touch **OK**.

If the coordinates entered are not contained within the area covered by the available maps, a message will be shown. This can also occur if the incorrect coordinates have been entered.

RECALLING A PREVIOUS DESTINATION

After selecting **Previous** from the menu, the screen shows a list of stored previous destinations. Select your destination by touching the bar. The details will be displayed for confirmation.

***Note:** In some markets, list scrolling is not active whilst driving for legislative reasons. Only the items shown at the top of the list can be selected.*

MOTORWAY

From **Dest. Entry** select **Motorway**.

Enter the motorway name or number, then select an entrance or exit. All of the entrance or exit junctions for the chosen motorway are displayed.

The map showing the selected motorway and the selected exit junction is displayed.

The destination has now been set and the route is calculated.

POINTS OF INTEREST (POI)

Select **POI** from the **Dest. entry** menu.

Touch **Name** to input the POI name, for example Petrol to display fuel stations on the map, or touch **List** for a list of POIs.

Alternatively, choose **Category** to see all categories of POI and make your selection.

Use the scroll arrows to change pages.

Some POIs are sub-categorised, e.g. selecting **Community** will be further divided into:

- Community Centre.
- Exhibition Centre.
- Hospital.
- Park & Recreation.
- Town Hall

Note: If entering a POI name results in too many matches being listed, try entering the town name first. If you do not know the name of the POI you want, try selecting a POI category.

Once the POI has been selected the route is determined. Touch **Change route**, to change the route settings, or touch **OK** to start the route calculation.

JAGUAR DEALER LOCATIONS

Details of Jaguar Dealers are held on the Navigation System hard drive as a points of interest (POI) category. Certain Dealers may be located in areas that are not fully mapped on the hard drive. If a route is set to one of these Dealers, guidance may only be possible to the nearest town centre; in this case a warning message will be displayed.

Note: If Jaguar Dealers (or certain other categories, such as airports) are selected, they will be displayed across all search areas.

ENTRY BY TOWN

If a town name is entered first, the points of interest listed will be restricted to that town.

- From the Input POI Name screen, touch **Town**.
- Enter the town name required.
- Touch **List** to display the list of possible towns.
- Select the town required.

The Input POI screen is displayed again.

- Enter the POI name required.

CATEGORIES AND SUB-CATEGORIES

The POI database is divided into a number of categories. Each main category is further divided into a number of sub-categories.

The first entry in the list of Restaurant sub-categories, is **ALL**. This selects all of the Restaurant sub-categories.

To narrow the search, touch the **Town** button. This will display the alpha keyboard to allow the desired town name to be entered.

LIST SOFT KEY

The **List** button can be used when the characters entered reduce the possible entries to a small enough number.

You can also select **List** (when active) without entering a POI name. All the relevant points of interest will be displayed, e.g. in a selected town or category.

ALL SOFTKEY

The **All** button shows a list of all POI categories.

LOCAL POI SEARCH

This selects the points of interest in all categories within 32 kilometres (20 miles) of the vehicle.

- Touch the **All Local POIs** button.

RDS-TMC OVERVIEW

Radio Data System-Traffic Message Channel (RDS-TMC) is a feature that announces traffic hold-ups on your route as broadcast by radio stations that transmit TMC information.

Touch the **TMC** button on the Navigation Menu to access the TMC menu.

Touch the **Change** button - to begin a search of all radio stations being received in your locality.

The tuner will scan the FM frequency once.

This may take a few minutes; **Searching** will be displayed while scanning is in progress.

Navigation system

When a station is found which is offering TMC information, the RDS name is shown on the list and the search for more stations will continue.

Note: *In the United Kingdom the station giving TMC information is Classic FM.*

You can stop the search at any time and select any stations presented on the list, by touching the **Change** button or the button next to the desired station in the list.

RDS-TMC DISPLAY

When a TMC signal is received the icon in the top left of the screen will appear green. If a TMC signal is not being received, the icon will be shown with a bar through it.

The system will inform the driver of any roadworks, narrow road, contraflow, accidents, slippery road, diversion, information, parking information, congestion or other hazard.

The driver is informed of a traffic event as follows:

- A TMC Event icon shown on the map at the location of the event.
- Text can be displayed showing the details of each occurrence which can be selected either by touching the screen icon or from the traffic information list.
- Dynamic route guidance, which calculates an alternative route when the system receives the traffic event warning affecting the route currently set in the navigation system.
- Traffic event list shows all events sorted by road name/ distance on your selected route in a straight line or along your actual route.

The information regarding the hold-up is maintained and updated even if the vehicle crosses into another country.

RDS-TMC ICONS

Any traffic event (broadcast on TMC) in your area, will be displayed as a warning icon on the map and an alert may be displayed as a message giving the road number(s) and between which junctions the hold-up or event occurs. Voice guidance will also inform you of the hold-up when an event icon exists on the current route.







This data is stored in the system for up to of 30 minutes.

The colour of the TMC icon changes in order to show the type and priority of a TMC event. The background colour of the icon returns to normal when there is no longer an event or hold-up, or if any re-route instructions are calculated.

The TMC Event icons appear on the navigation map display to indicate the location and nature of a TMC event.

TMC Event icons will appear on the map, even if the event does not occur on your route.

LEVEL 1 TMC EVENT ICONS

-  Incident (Red star)
-  Moving Tailback Ahead (Red arrow)
-  Moving Tailback Both Carriageways (Red double arrow)
-  Slow Traffic Ahead (Yellow arrow)
-  Slow Traffic Both Carriageways (Yellow double arrow)
-  Information (Yellow circle)



Incident (Yellow star)



Stationary Traffic Ahead (Red arrow pointing on line)



Stationary Traffic Both Carriageways (Red double arrow pointing on line)

Note: Single arrow icons indicate that the traffic event affects traffic travelling in the direction of the arrow. Double arrows indicate that both directions are affected.

LEVEL 2 TMC EVENT ICONS



Other Hazard (Yellow)



Roadworks (Pink)



Narrow Road (Pink)



Contraflow (Pink)



Accidents (Pink)



Slippery Road (Yellow)



Diversion (Yellow)



Parking Information (Grey)



Information (Grey)



Congestion (Red)

USING TMC

Dynamic route guidance will calculate an alternative route to avoid a traffic event when the system receives an event warning. The system calculates a new route for all sections. However, if any way points are set, the system calculates for the next way point. If the event on route is serious (closed road) or if the new route is shorter than the current one and the current one was not recalculated within the last 5 minutes, then a message to confirm the new route will be displayed. This pop-up message will be displayed for 10 minutes and if the new route is not rejected, then the vehicle will follow the new route.

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Please read this agreement carefully before using the Navigation System.

This is a licence agreement to use the Ordnance Survey (OS) Code-Point data incorporated in the Navigation System. By using this Code-Point data you accept and agree to all the terms and conditions below.

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Navigation system

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Please read this agreement carefully before using the Navigation System.

This is a licence agreement for your copy of the Navigable Map Database, (the 'DATABASE') originally made by NAVTEQ Corporation), used in the Navigation System. By using this DATABASE you accept and agree to all the terms and conditions below.

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You may not transfer the DATABASE to third parties, except together with system for which it was created, provided that you do not retain any copy of the DATABASE, and provided that the transferee agrees to all terms and conditions of this agreement.

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EUROPEAN DECLARATION OF CONFORMITY



Hereby, DENSO CORPORATION declares that this DN-NS-019 is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

Tyre repair kit

TYRE REPAIR KIT






-  If you are in any doubt regarding your ability to carry out the instructions, contact your Dealer/Approved Repairer before attempting the repair.

Your vehicle may not be equipped with a spare tyre. If this is the case, in its place in the rear underfloor storage compartment, you will find a tyre repair kit (except where run-flat tyres are fitted). The tyre repair kit can be used to repair **one** tyre and it is essential that you read the following guide before attempting to repair a tyre.

The tyre repair kit seals most punctures with a maximum diameter of 6 mm (1/4 inch).

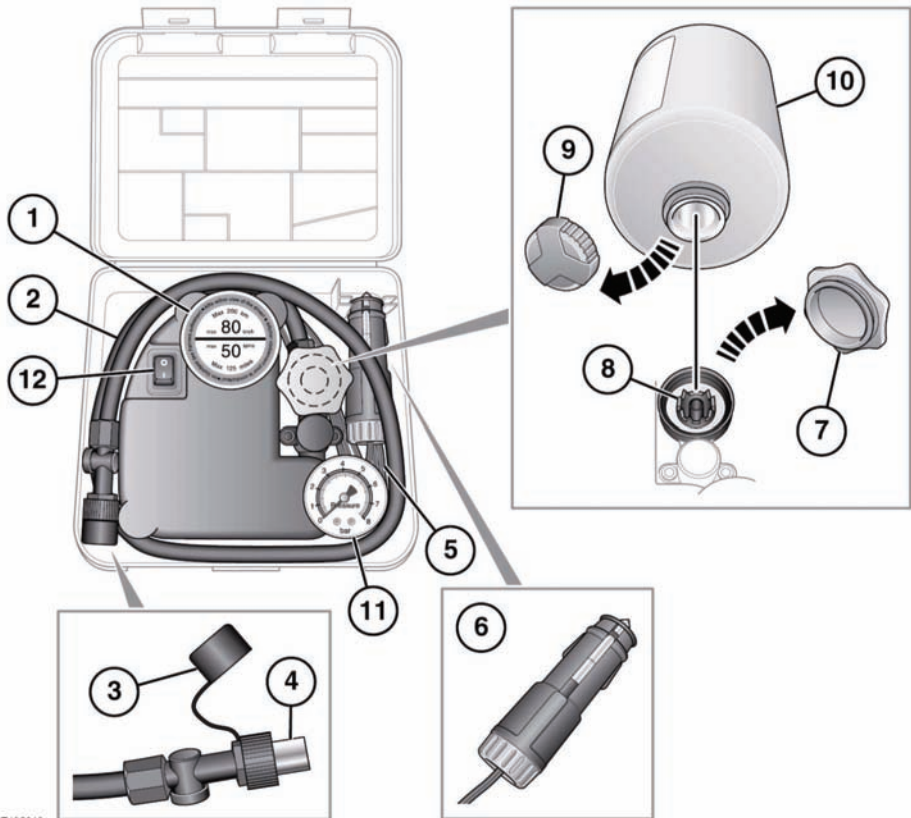
Note: The sealant used in the tyre repair kit has a shelf life and the expiry date is shown on the tyre sealant bottle. Ensure that the container is replaced before the expiry date.

TYRE REPAIR KIT SAFETY INFORMATION

-  Some tyre damage may only be partially sealed, or may not seal at all, depending on the amount and type of damage. Any loss of tyre pressure can seriously affect vehicle safety.
-  Do not use the tyre repair kit if the tyre has been damaged by driving while under-inflated.
-  Only use the tyre repair kit to seal damage located within the tyre tread area.
-  Do not exceed 80 km/h (50 mph) when a repaired tyre is fitted to the vehicle.
-  The maximum distance that should be driven when a repaired tyre is fitted, is 200 km (125 miles).

-  When a repaired tyre is fitted, drive with caution and avoid sudden braking or steering manoeuvres.
-  Only use the tyre repair kit for the vehicle with which it was supplied.
-  Do not use the tyre repair kit for any other purpose than tyre repair.
-  Never leave the tyre repair kit unattended when in use.
-  Only use the tyre repair kit within the -30 °C to +70 °C temperature range.
-  Always keep children and animals at a safe distance from the tyre repair kit when in use.
-  Do not stand directly beside the compressor when it is operating.
-  Check the tyre sidewall prior to inflation. If any cracks, damage or deformities are apparent, do not inflate the tyre.
-  Watch the tyre sidewall during inflation. If any cracks, bumps or similar damage, or deformities appear, switch off the compressor and deflate the tyre.

TYRE REPAIR KIT OVERVIEW










E132649

1. Maximum speed label. 80 km/h (50 mph).
2. Tyre inflation hose.
3. Inflation hose protective cap.
4. Inflation hose connector.
5. Compressor power cable.
6. Power cable connector.
7. Sealant bottle receiver cap (orange).
8. Sealant bottle receiver.
9. Sealant bottle cap.
10. Sealant bottle.
11. Tyre pressure gauge.
12. Compressor on/off switch (1 = on. 0 = off.).


Tyre repair kit

USING THE TYRE REPAIR KIT

-  Avoid skin contact with the sealant which contains natural rubber latex.
-  If the tyre inflation pressure does not reach 1.8 bar (26 psi, 180 kPa) within seven minutes, the tyre may have suffered excessive damage. A temporary repair will not be possible, and the vehicle should not be driven until the tyre has been replaced.
-  Before attempting a tyre repair, ensure that the vehicle is parked safely, as far away from passing traffic as possible.
-  Ensure that the parking brake is applied and **P** (Park) is selected.
-  Do not attempt to remove foreign objects such as nails, screws, etc. from the tyre.
-  Always run the engine when using the compressor, unless the vehicle is in an enclosed or poorly ventilated space, as this may cause asphyxiation.
-  To prevent overheating, do not operate the compressor continuously for longer than ten minutes.

Note: All vehicle drivers and occupants should be made aware that a temporary repair has been made to a tyre fitted to the vehicle. They should also be made aware of the special driving conditions imposed when using a repaired tyre.

REPAIR PROCEDURE

-  Check the tyre sidewall prior to inflation. If there are any cracks, bumps or similar damage, do not attempt to inflate the tyre. Do not stand directly beside the tyre while the compressor is pumping. Watch the tyre sidewall. If any cracks, bumps or similar damage appear, turn off the compressor and let the air out by means of the pressure relief valve. Do not continue to use the tyre.
1. Open the tyre repair kit and peel off the maximum speed label. Attach the label to the fascia in the driver's field of vision. Take care not to obstruct any of the instruments or warning lights.
 2. Uncoil the compressor power cable and the inflation hose.
 3. Unscrew the orange cap from the sealant bottle receiver and the sealant bottle cap.
 4. Screw the sealant bottle into the receiver (clockwise) until tight.
 - Screwing the bottle onto the receiver will pierce the bottle's seal. Once the bottle has been fitted, a ratchet prevents it from being removed.
 5. Remove the valve cap from the damaged tyre.
 6. Remove the protective cap from the inflation hose and connect the inflation hose to the tyre valve. Ensure that the hose is screwed on firmly.
 7. Ensure that the compressor switch is in the off (**0**) position.
 8. Insert the power cable connector into the auxiliary power socket.
 9. Unless the vehicle is in an enclosed area, start the engine.

10. Set the compressor switch to the on (I) position.
11. Inflate the tyre to a minimum of 1.9 bar (26 psi) and a maximum of 3.5 bar (51 psi).
 - When pumping the sealant through the tyre valve, the pressure may rise up to 6 bar (87 psi). The pressure will drop again after approximately 30 seconds.
12. During the inflation, switch the compressor off briefly, to check the tyre pressure using the gauge mounted on the compressor.
 - It should not take longer than seven minutes to inflate the tyre. If, after seven minutes, the tyre has not yet reached minimum pressure, the tyre should not be used.
13. Once the tyre has been inflated, switch off the compressor. If desired, the engine may be turned off after the compressor has been turned off.
14. Remove the power connector from the auxiliary power socket.
15. Remove the inflation hose from the tyre valve, by unscrewing it as quickly as possible (anticlockwise).
16. Replace the inflation hose protective cap and the tyre valve cap.
17. Ensure that the tyre repair kit (including the bottle and receiver caps) are placed securely in the vehicle. You will need to use the kit to check the tyre pressure after approximately 3 km (2 miles), so ensure they are easily accessible.
18. Immediately drive the vehicle for approximately 3 km (2 miles), to allow the sealant to coat the inner surface of the tyre and form a seal at the puncture.

CHECKING THE TYRE PRESSURE AFTER A REPAIR



When driving the vehicle, if you experience vibrations, abnormal steering, or noises, reduce speed immediately. Drive with extreme caution and reduced speed, to the first safe place to stop the vehicle. Visually examine the tyre and check its pressure. If there are any signs of damage or deformity to the tyre, or the tyre pressure is below 1.3 bar (19 psi), do not continue driving.



Consult a tyre repair centre or your Dealer/Authorised Repairer, for advice concerning the replacement of a tyre after using a tyre repair kit.

1. Drive the vehicle for 3 km (2 miles) then stop in a safe place. Carry out a visual examination of the tyre's condition.
2. Make sure that the sealant container section is in its original position.
3. Screw the inflation hose connector firmly onto the tyre valve.
4. Read the tyre pressure from the gauge.
5. If the pressure of the sealant filled tyre is above 1.3 bar (19 psi) adjust the pressure to the correct value.
6. Ensure that the compressor switch is in the Off (O) position and insert the power cable connector into the auxiliary power socket. If the vehicle is in a well ventilated area, start the engine.
7. Switch the compressor to On (I) and inflate the tyre to the correct pressure.
8. To check the tyre pressure, turn off the compressor then read the pressure from the gauge.




Tyre repair kit

9. When the compressor is off, if the tyre pressure is too high, release the required amount of pressure using the pressure release valve.
10. Once the tyre is inflated to the correct pressure, switch off the compressor and remove the power plug from the auxiliary socket.
 - The use of the tyre repair kit sealant may lead to error prompts and incorrect readings of the Tyre Pressure Monitoring System. Therefore, use the tyre repair kit pressure gauge to check and adjust the damaged tyre's inflation pressure.
11. Unscrew the inflation hose connector from the tyre valve, replace the tyre valve cap and the inflation hose connector protective cap.
12. Ensure that the tyre repair kit is placed securely in the vehicle.
13. Drive to the nearest tyre repair centre or Dealer/Authorised Repairer, for a replacement tyre to be fitted. Ensure that you make the repair centre aware that the tyre repair kit has been used before the tyre is removed.
14. The tyre inflation hose, the receiver and the sealant bottle must be replaced once a new tyre has been fitted.





Only sealant bottles which are completely empty should be disposed of with normal household waste. Sealant bottles which contain some sealant, and the tyre inflation hose, should be disposed of by a tyre specialist or your Dealer/Authorised Repairer in compliance with local waste disposal regulations.

SAFETY PRECAUTIONS

-  **Avoid exposing the fuel gasses to any potential sources of ignition as the resulting fire and explosion may cause serious injuries and/or death.**
-  **Switch off the engine when refuelling, as it is both a source of extreme temperatures, and electrical sparks.**
-  **Switch off any personal electronic devices such as mobile phones, or music players.**

PETROL ENGINED VEHICLES

-  Do not use leaded fuels, lead substitutes or fuel additives.
-  Fuel system cleaning agents should not be used, unless approved by Jaguar.

OCTANE RATING


The minimum octane rating for fuel used is 95 RON (Research Octane Number). The vehicle will run on lower ratings, but it may cause pronounced engine knock or pinking. If the pinking is severe it can cause damage to the engine, fuel and emission control systems.

Note: *Occasional, light, engine knock experienced while accelerating or climbing hills is acceptable.*

Super Green Plus 98 RON unleaded fuel (where available) may be used as an alternative to the standard 95 RON unleaded fuel.

Some countries have only 91 RON fuel available. Vehicles sold in these countries are specially calibrated to use this fuel.

ETHANOL

-  This vehicle is not suitable for use with fuels containing more than 10% ethanol.



Do not use E85 fuels (85% ethanol content). Equipment necessary for the use of fuels containing more than 10% ethanol is not fitted to this vehicle. If E85 fuels are used, serious engine and fuel system damage will occur.

Fuels containing up to 10% ethanol (grain alcohol) may be used. Ensure that the fuel has octane ratings no lower than those recommended for unleaded fuel. Most drivers will not notice any operating difference with fuel containing ethanol. If a difference is detected, the use of conventional unleaded fuel should be resumed.

METHANOL



Wherever possible avoid using fuel containing methanol.

Some fuels contain methanol (Methyl or wood alcohol). If you use fuels containing methanol the fuels must also contain co-solvents and corrosion inhibitors for methanol. Also, do not use fuels which contain more than 10% methanol even if they contain co-solvents and corrosion inhibitors. Fuel system damage or vehicle performance problems resulting from the use of such fuels is not the responsibility of Jaguar, and may not be covered under the warranty.

METHYL TERTIARY BUTYL ETHER (MTBE)

Unleaded fuel containing an oxygenate known as MTBE can be used provided that the ratio of MTBE to conventional fuel does not exceed 15%. MTBE is an Ether based compound derived from Petroleum, which has been specified by several refiners as the substance to enhance the Octane rating of fuel.

Fuel and refuelling

DIESEL ENGINED VEHICLES

- ⚠ Do not use RME (bio-diesel) except in the case of those proprietary diesel fuels which contain a mix of up to 7%. Jaguar can accept no responsibility for damage caused by using RME in concentrations greater than 7%.

Use only high quality diesel fuel according to EN590 or equivalent.

The quality of diesel fuel is variable, depending on geographic location. Always use premium or the highest quality fuel available in your locality. High quality fuel ensures a longer life for your engine components. Lower grade fuel contains higher levels of sulphur, which is detrimental to engine components. If low quality fuel is used, light coloured smoke may be evident at the exhaust.

Note: *Jaguar vehicles are capable of running with up to a 7% blend of bio-diesel, in accordance with European Standard EN590.*

Prolonged use of additives is not recommended. Do not add paraffin or petrol to diesel fuels.

- ⚠ If you inadvertently fill your vehicle with petrol instead of diesel, do not attempt to start the engine. Contact your Dealer/Authorised Repairer immediately.
- ⚠ Jaguar cars can accept no responsibility for any damage caused by running your vehicle with petrol or vegetable oil in the fuel tank.

SULPHUR CONTENT

- ⚠ If the vehicle is fitted with a Diesel Particulate Filter (DPF), the maximum Sulphur content must not exceed 0.005%. Using an incorrect fuel will cause serious damage to the DPF.

In some countries diesel may contain higher levels of Sulphur, which could cause damage to the vehicle, if in doubt contact a local Dealer/Authorised Repairer for advice.

RUNNING OUT OF FUEL

- ⚠ Avoid running out of fuel!

If the vehicle does run out of fuel, a minimum of 4 litres (0.9 gallons) will be required to restart the engine. The vehicle should be left with the ignition on for 5 minutes after refuelling before attempting to restart the engine.

Note: *If the vehicle does run out of fuel, seeking qualified assistance is advisable.*

WATER IN FUEL

- ⚠ If the warning **WATER IN FUEL** is displayed in the message centre, an excessive amount of water has collected in the fuel filter bowl. Seek assistance from a Jaguar Dealer/Authorised Repairer to have the filter drained as soon as possible

DIESEL ENGINES

Vehicles with diesel engines are equipped with a system to prevent the fuel tank from emptying completely. When the fuel reaches a minimum level, the system will activate a reduced power mode (i.e. the engine will not run properly). This will be followed by the engine stopping in approximately 1.6 km (1 mile).

This feature prevents the fuel system from running dry, which could cause damage to the vehicle. If the gauge indicates low fuel or the warning indicator illuminates, the fuel tank should be refuelled as soon as possible at the next filling station with at least 4 litres (0.9 gallons) of fuel.

If the system protection function has activated, the vehicle must firstly be refuelled, then restarted using the following procedure:

1. With the brake pedal pressed, press and hold the engine START/STOP button and crank the engine for five seconds.
2. Release the START/STOP button.
3. With the brake pedal pressed, press and release the START/STOP button to crank the engine. The engine should start within approximately five seconds.

Note: *If the engine does not start, pause for ten seconds with the ignition in convenience mode before repeating the procedure from the beginning.*

- ⚠ Do not crank the engine for longer than 30 seconds continuously.

FUEL FILLER FLAP

The vehicle must be unlocked using the Smart Key before the filler flap can be opened.

To open the fuel filler flap, press and release the rear of the flap to unlatch and then pull the flap open.

To close the filler flap, push the flap until latched closed.

Note: *The filler flap will only be locked closed when the vehicle is centrally locked.*

FUEL FILLER

⚠ **When refuelling ensure that all windows, doors, and sunroof are fully closed, particularly if young children or animals are in the vehicle.**

⚠ **Do not attempt to fill the tank to its maximum capacity. If the vehicle is to be parked on a slope, in direct sunlight or high ambient temperature, expansion of the fuel could cause spillage.**

⚠ Check the fuel pump information carefully to ensure that you are putting the correct fuel into the vehicle.

⚠ If the vehicle is filled with incorrect fuel, it is essential that you seek qualified assistance before you start the engine.

Fuel station pumps are equipped with automatic cut-off sensing to avoid fuel spillage. Fill the tank until the filler nozzle automatically cuts off the supply and do not attempt to fill the tank beyond this point.

Note: *Filling station pumps used for diesel commercial vehicles deliver fuel at a higher rate than normal. The higher fill rate can cause premature cut-off and may cause fuel spillage. Therefore, it is recommended that only standard light vehicle pumps are used.*

DIESEL MISFUELLING PROTECTION DEVICE

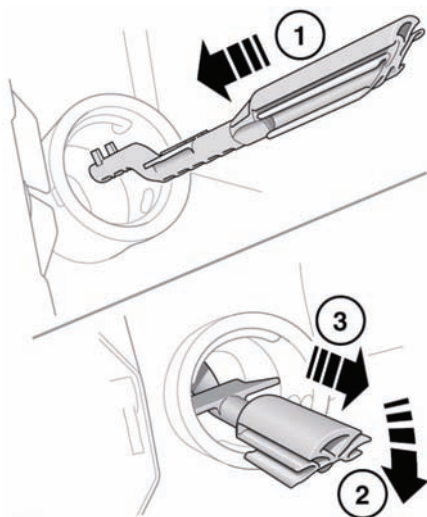
⚠ **When the misfuelling device is activated it may cause fuel to be discharged from the filler neck.**

If the narrow filler nozzle fitted to pumps delivering unleaded petrol is fully inserted into the filler neck, the misfuel protection device will activate.

Fuel and refuelling

Note: The filler spout on some fuel cans and older fuel pumps may trigger the misfuelling device.

When activated the yellow protection device will be visible inside the filler neck. It will prevent fuel flow into the tank. Before fuelling can continue with the correct fuel the device will need to be reset.



E132653

The reset tool is stored in the luggage compartment clipped onto the battery retaining bar.

To reset the misfuelling device:-

1. Insert the reset tool with the teeth uppermost, as far as it will go into the filler neck.
2. Locate the teeth by pushing down the top of the reset tool.
3. With the top of the tool pressed down and the teeth engaged, slowly pull the tool out of the filler neck to reset the device.

⚠ Do not twist the device, once the teeth have engaged.

Note: The yellow part of the protection device should no longer be visible in the filler neck.

Replace the reset tool in position on the battery restraining bar.

FUEL TANK CAPACITY

Avoid the risk of running out of fuel and never intentionally drive the vehicle when the fuel gauge indicates that the tank is empty. When refuelling your vehicle after the fuel gauge reads empty, you may not be able to add the fuel quantity shown below, as there will be a small reserve remaining in the tank.

Total tank capacity (usable):	
Petrol engines	80 litres (18 gallons)
Diesel engines	77 litres (17 gallons)
Fill capacity (when fuel gauge reads empty):	
Petrol engines	74 litres (16.3 gallons)
Diesel engines	68 litres (15 gallons)
Reserve capacity (when fuel gauge reads empty):	
Petrol engines	4 litres (0.9 gallons)
Diesel engines	4 litres (0.9 gallons)

FUEL SPECIFICATION

Petrol	Diesel
95-98 RON	EN 590

FUEL CONSUMPTION

The fuel consumption figures shown in the following table, have been calculated using a standard testing procedure (the new EC test procedure from Directive 99/100/EC), and produced in accordance with The Passenger Car Fuel Consumption (Amendment) Order 1996.

Under normal use, a vehicle's actual fuel consumption figures may differ from those achieved through the test procedure, depending on driving technique, road and traffic conditions, environmental factors, vehicle load and condition.

Variant	Urban l/100 km (mpg)	Extra-urban l/100 km (mpg)	Combined l/100 km (mpg)	CO ₂ emissions g/km
V6 Diesel:				
Standard wheelbase	9.6 l/100 km (29.6 mpg)	5.6 l/100 km (50 mpg)	7.0 l/100 km (40.1 mpg)	184
Long wheelbase	9.7 l/100 km (29.1 mpg)	5.8 l/100 km (48.7 mpg)	7.2 l/100 km (39.2 mpg)	189
V6 Petrol - Normally aspirated:				
Standard wheelbase	17.5 l/100 km (16.1 mpg) 17.8 mpg*	8.1 l/100 km (34.9 mpg) 8.1 l/100 km*	11.6 l/100 km (24.4 mpg) 11.6 l/100 km*	289
V8 Petrol - Normally aspirated:				
Standard wheelbase	17.3 l/100 km (16.3 mpg)	7.6 l/100 km (37.2 mpg)	11.1 l/100 km (25.3 mpg)	264
Long wheelbase	17.3 l/100 km (16.3 mpg)	7.6 l/100 km (37.2 mpg)	11.1 l/100 km (25.3 mpg)	264
V8 Petrol - Supercharged:				
Standard wheelbase	18.7 l/100 km (15.1 mpg)	9.1 l/100 km (31.0 mpg)	12.6 l/100 km (22.4 mpg)	289
Long wheelbase	18.7 l/100 km (15.1 mpg)	9.1 l/100 km (31.0 mpg)	12.6 l/100 km (22.4 mpg)	289

* Chinese market only.

Fuel and refuelling

URBAN CYCLE

The urban test cycle is carried out from a cold start and consists of a series of accelerations, decelerations and periods of steady speed driving and engine idling. The maximum speed attained during the test is 50 km/h (30 mph) with an average speed of 19 km/h (12 mph).

EXTRA-URBAN CYCLE

The extra-urban test cycle is carried out immediately after the urban test. Approximately half of the test comprises steady-speed driving, while the remainder consists of a series of accelerations, decelerations and engine idling. The maximum test speed is 120 km/h (75 mph) and the average speed 63 km/h (39 mph). The test is carried out over a distance of 7 km (4.3 miles).

COMBINED

The combined figure is an average of the urban and extra-urban test cycle results, which has been weighted to take account of the different distances covered during the two tests.


For additional information on fuel consumption figures and exhaust emissions, visit the Vehicle Certification Agency (VCA) website at <http://www.vcacarfueldata.org.uk/>.




DISABILITY MODIFICATIONS


Occupants with disabilities which may require modification of the vehicle, must contact a Dealer/Authorised Repairer before any modifications are made.

PARTS AND ACCESSORIES

 **Do not fit non-approved parts and accessories or carry out non-approved alterations or conversions.**

 Your vehicle is not designed for use with a roof rack. Do not fit a roof rack to the vehicle, as damage may result.


AIRBAG SYSTEM

 **The components that make up the airbag system 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 module.**


To prevent malfunction of the airbag system always consult your Dealer/Authorised Repairer before fitting any of the following:

- Electronic equipment such as a mobile phone, two-way radio or in-car entertainment system.
- Accessories attached to the front of the vehicle.
- Any modification to the front of the vehicle.
- Any modification involving the removal or repair of any wiring or component in the vicinity of any of the airbag system components, including the steering wheel, steering column, instrument or fascia panels.
- Any modification to the fascia panels or steering wheel.

ANTI-THEFT SYSTEM

 **No modifications or additions should be made to the anti-theft system. Such changes could cause the system to malfunction.**

OWNER MAINTENANCE

 Any significant or sudden drop in fluid levels, or uneven tyre wear, should be reported to a qualified technician without delay.

In addition to the routine services and inspections, a number of simple checks must be carried out more frequently. These checks can be carried out by the owner and advice is given on the pages that follow.

DAILY CHECKS

- Operation of lamps, horn, direction indicators, wipers, washers and warning indicators.
- Operation of seat belts and brakes.
- Look for fluid deposits underneath the vehicle that might indicate a leak. Condensation drips from the air conditioning are normal.

WEEKLY CHECKS

- Engine oil level.
- Engine coolant level.
- Brake fluid level.
- Power steering fluid level.
- Screen washer fluid level.
- Tyre pressures and condition.
- Operate air conditioning.

Note: *The engine oil level should be checked more frequently if the vehicle is driven for prolonged periods at high speeds.*

DIESEL PARTICULATE FILTER (DPF)

Diesel vehicles equipped with a particulate filter have more efficient emission control. The particles in the exhaust gases are collected in the filter during normal driving.

When a DPF message is displayed, the filter requires a regeneration cycle to clean itself. This requires the engine to have reached normal operating temperature. Regeneration takes place automatically at an interval of approximately 300-900 km (190-560 miles) depending on driving conditions.

REGENERATION PROCEDURE



The regeneration procedure produces high temperatures in the DPF. Heat can be felt radiating from beneath the vehicle, which is normal. The heat generated could be sufficient to start a fire when in close proximity to combustible material such as long dry grass, paper etc.

Regeneration normally takes 10-20 minutes and is best achieved if the vehicle is driven steadily at speeds between 60 km/h (40 mph) and 112 km/h (70 mph).

Regeneration may take longer if the average speed is reduced to 50 km/h (30 mph).

DRIVING SHORT DISTANCES OR IN COLD WEATHER

In these conditions the engine may not reach normal operating temperature. Regeneration of the diesel particle filter will not take place and the filter will not be cleaned. If the filter requires regeneration but current driving style is not appropriate to perform it, a warning triangle will illuminate on the instrument panel and the message DPF Full. See manual, will be displayed. This does not indicate a fault condition. Start regeneration by driving the vehicle, preferably on a main road or motorway. The vehicle should be driven for approximately 20 minutes more.

When regeneration is complete, the warnings will clear.

ARDUOUS DRIVING CONDITIONS

If the vehicle is frequently driven short distances in cold weather then the engine may not reach normal operating temperature. This means that regeneration of the diesel particle filter does not take place and the filter is not cleaned. When the filter reaches approximately 80% capacity, a warning triangle on the instrument panel illuminates, and the message **DPF FULL SEE HANDBOOK** is displayed on the instrument panel. Start regeneration of the filter by driving the vehicle, preferably on a main road or motorway. The vehicle should then be driven for approximately 20 minutes more. Where possible the parking heater should be used in cold weather so that the engine reaches normal operating temperature more quickly.




When regeneration is complete the warning text is cleared automatically.

Note: *A small reduction in engine power, and increase in fuel consumption may be noticed temporarily during regeneration.*

SAFETY IN THE GARAGE

-  If the vehicle has been driven recently, do not touch exhaust and cooling system components until the engine has cooled.
-  Never leave the engine running in an unventilated area.
-  Do not work beneath the vehicle with a jack as the only means of support.
-  Keep your hands and clothing away from drive belts, pulleys and fans. Some fans may continue to operate after the engine has stopped.
-  Remove metal wrist bands and jewellery, before working in the engine compartment.
-  Do not touch electrical leads or components while the engine is running, or with the starter switch turned on.
-  Do not allow tools or metal parts of the vehicle to make contact with the battery leads or terminals.


FUEL SYSTEM

-  Under no circumstances should any part of the fuel system be dismantled or replaced by anyone other than a suitably qualified vehicle technician.
-  Ensure sparks and naked lights are kept away from the engine compartment.
-  Wear protective clothing, including, where practicable, gloves made from an impervious material.

USED ENGINE OIL

Prolonged contact with engine oil may cause serious skin disorders, including dermatitis and cancer of the skin. Always wash thoroughly after contact.


OPENING THE BONNET

-  Do not attempt to open the bonnet if the pedestrian protection system has deployed.



1. Pull the bonnet release handle located in the left-hand front footwell.
2. Lift the bonnet safety catch lever located below the centre point of the bonnet, and raise the bonnet.

CLOSING THE BONNET

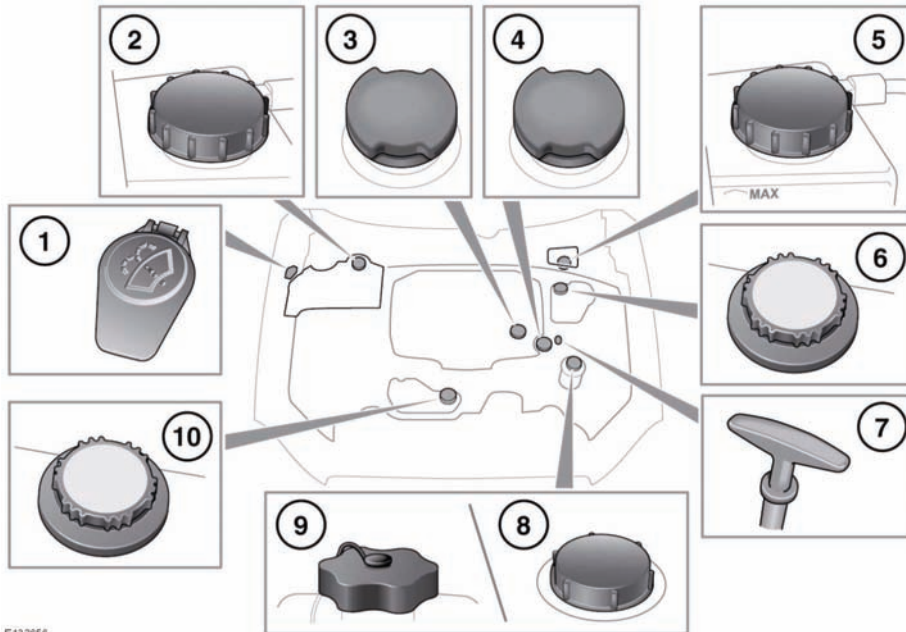
-  Do not drive with the bonnet retained by the safety catch alone.
1. Lower the bonnet until the safety catch engages. Using both hands, press the bonnet down until the catches click.

Maintenance

2. Check that both catches are fully engaged by attempting to lift both sides of the front edge of the bonnet. This should be free from all movement.

ENGINE COMPARTMENT OVERVIEW

Petrol engine



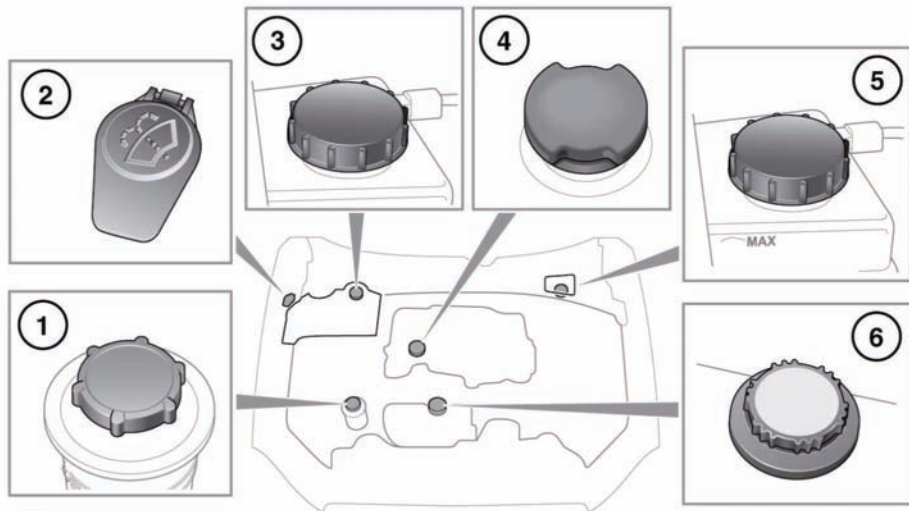
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1. Washer fluid.
2. Brake fluid (right-hand drive vehicles).
3. Engine oil (V6 engine).
4. Engine oil (V8 engine).
5. Brake fluid (left-hand drive vehicles).
6. Coolant (V8 engine).
7. Engine oil dipstick (V6 engine).
8. Power steering (V8 engine).
9. Power steering (V6 engine).
10. Coolant (V6 engine).



Do not drive the vehicle if there is a possibility that leaked fluid will come into contact with a hot surface, such as the exhaust.

Diesel engine



E135275

1. Power steering.
2. Washer fluid.
3. Brake fluid (right-hand drive vehicles).
4. Engine oil.
5. Brake fluid (left-hand drive vehicles).
6. Coolant.



Do not drive the vehicle if there is a possibility that leaked fluid will come into contact with a hot surface, such as the exhaust.

UNBLOCKING WASHER JETS



Do not operate the washer jets during adjustment. Windscreen washer fluid may cause irritation to the eyes and skin. Always read and observe the washer fluid manufacturers instructions.

If a washer jet becomes blocked, use a thin strand of wire to unblock the jet by inserting the wire into the jet. Ensure that the wire is completely removed after unblocking.

CHANGING A BULB



Always replace bulbs with the correct type and specification. If you are in any doubt contact your Dealer/Authorised Repairer for advice.

XENON LAMPS



Replacement or maintenance of Xenon lamps should only be carried out by suitably qualified personnel.



High voltage is required to ignite the Xenon lamps.



Xenon lamp units operate at a very high temperature. Ensure that the lamp units have cooled before attempting to touch them.

Maintenance

HEADLAMP BULB CHANGE

- ⚠ Removal of the headlamp unit should only be attempted by a qualified technician. If in doubt, consult your Dealer/Authorised Repairer.

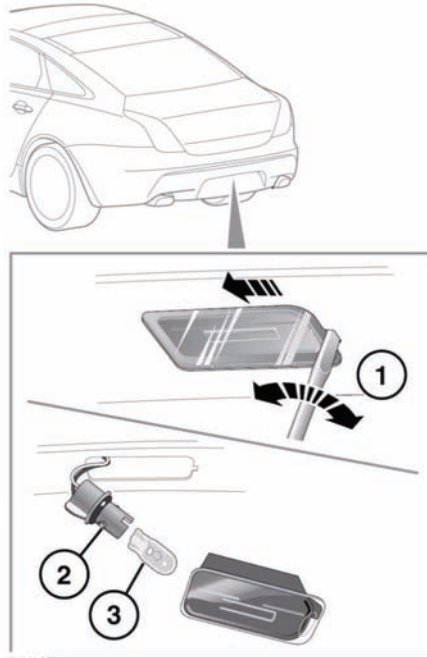
REAR LAMP

- ⚠ Removal of the rear lamp unit should only be attempted by a qualified technician. If in doubt, consult your Dealer/Authorised Repairer.

HIGH LEVEL BRAKE LAMP

- ⚠ Removal of this lamp unit should only be attempted by a qualified technician. If in doubt, consult your Dealer/Authorised Repairer.

LICENSE PLATE LAMP BULB REPLACEMENT



1. Insert a small flat-bladed screwdriver into the indent as shown and carefully lever out the side of the lamp unit and remove.
2. Twist the bulb holder 90 degrees anticlockwise to access the bulb.
3. Pull to remove the bulb from the holder.

See **171, BULB SPECIFICATION** for the replacement bulb specification list.

SUNROOF RESET

If the battery is disconnected, or the power supply is interrupted, whilst the sunroof is partially open it will need to be reset.

Once the power supply is restored, reset the sunroof as follows:

1. Switch the ignition on.
2. Fully close the sunroof.
3. Press the front of the sunroof switch, and hold for 45 seconds.
4. After 45 seconds the sunroof will begin to move. Keep the front of the switch pressed until the sunroof and the roof blinds have fully opened, then closed.
5. Once the open/close cycle has completed and the sunroof has stopped moving, release the switch.

The sunroof can now be operated as normal.

WINDOW RESET

The windows will need to be reset if the battery is disconnected, becomes discharged or power supply is interrupted.

Once the power supply is restored, reset the windows as follows:

1. Close the window fully.
2. Release the switch, then lift it to the close position and hold for two seconds.
3. Open the window fully.
4. Release the switch, then push it to the open position and hold for two seconds.
5. Lift and release the switch to operate the one-touch function.
6. Repeat the procedure on each window.

WARNING TRIANGLE

If supplied, the warning triangle is located in the luggage compartment, attached to an anchor point.

FIRST AID KIT

If supplied, the first aid kit is strapped to the side of the luggage compartment.

FIRE EXTINGUISHER

If supplied, the fire extinguisher will be located either in the luggage compartment, or mounted to the front passenger seat.

REPAIRING MINOR PAINT DAMAGE

Regularly inspect the paintwork for damage. Any stone chips, fractures, or deep scratches, in the paint/bodywork should be repaired promptly. Bare metal will corrode quickly, and if left untreated can result in expensive repairs.

CLEANING THE ALLOY WHEELS

- ⚠ Only use approved wheel cleaning products.

CLEANING THE EXTERIOR

- ⚠ Some high pressure cleaning systems are sufficiently powerful to penetrate door and window seals, and damage trim and door locks. Never aim the water jet directly at the engine air intake, heater air intakes, body seals or at any components which may be damaged.
- ⚠ Never use cleaning products which are not approved for use on vehicles.
- ⚠ Following cleaning of the vehicle exterior (particularly with a pressure washer), it is recommended that the vehicle is taken for a short drive in order to dry out the brakes.

WASHING THE VEHICLE PAINTWORK

- ⚠ Substances which are corrosive, such as bird droppings, can damage the vehicle's paintwork and should be removed as soon as possible.

Maintenance

USING AN AUTOMATIC WASH

- ⚠ Commercially operated automatic car washes, jet washes and power-operated mops, are not recommended.

UNDER BONNET CLEANING

- ⚠ Do not use a high pressure washer or steam cleaner in the engine compartment.
- ⚠ Ensure that the brake fluid reservoir is kept dry at all times. Only use a clean, dry cloth to clean the brake fluid cap and reservoir.

CLEANING GLASS SURFACES

Clean the rear window with a soft cloth to avoid damaging the heating element. Do not scrape the glass or use any abrasive cleaning fluid.

Mirror glass is particularly susceptible to damage. Wash with soapy water. Do not use abrasive cleaning compounds or metal scrapers to remove ice.

To avoid damaging the protecting coating, only clean the interior side of the sunroof glass with a soft cloth. Do not scrape the glass or use abrasive cleaning fluids.

CLEANING THE REAR SCREEN

To avoid damaging the heating elements when cleaning the inside of the rear screen, use only a soft damp cloth or chamois leather. Do not use solvents or sharp objects to clean the glass.

CLEANING THE SUNROOF WIND DEFLECTOR

A mild solution of soap and water, or car shampoo, should be used to clean the wind deflector net periodically. Support the underside of the net with a soft cloth, and gently scrub the net using a soft bristled brush.

REMOVING GREASE AND TAR

Remove grease or tar with Jaguar Tar Remover or methylated spirit (alcohol). White spirit is also effective, but must not be applied to rubber, particularly the windscreen wiper blades.

- ⚠ Ensure that after using methylated or white spirit, the area is washed immediately with soapy water, to remove all traces of spirit.

POLISHING

- ⚠ Chrome polish, or other abrasive cleaners, must not be used on the vehicle's brightwork.

It is recommended that the vehicle is polished regularly using Jaguar polish and a polishing cloth.

CLEANING THE INTERIOR

- ⚠ The steering wheel centre pad and other areas containing airbags should only be cleaned sparingly with a damp cloth, warm water and a non-detergent soap.

LEATHER

To prevent ingrained dirt and staining, inspect the seat upholstery regularly and clean every one to two months, as follows:

- Wipe off fine dust from the seat surfaces using a clean, damp, non-coloured cloth. Change frequently to a clean area of cloth, to avoid abrasive action on the leather surface. Avoid over-wetting.
- If this is not sufficient, use a cloth which has been dampened with warm soapy water and then wrung out. Use only mild non-caustic soap.
- Use Jaguar Leather Cleaner for heavily soiled areas. Dry off and rub with a clean soft cloth, changing surfaces regularly.

Use Jaguar Leather Cleaner several times a year to maintain its appearance and suppleness. The cleaner will nourish and moisturise and help to improve the surface protective film against dust and substances.

- Do not use solvents. Do not use detergents, furniture polish or household cleaners. While these products may initially give impressive results, their use will lead to rapid deterioration of the leather and will invalidate the warranty. Jaguar recommend a basic set of products that have been specially selected for the type of leather in your vehicle.
- Dark clothing may stain leather seats just like other upholstery products.
- Sharp objects such as belts, zip fasteners, rivets, etc., can leave permanent scratches and scratch marks on the leather surface.
- Unless spillages such as tea, coffee or ink are washed away immediately, permanent staining may have to be accepted.

If a valet service is used, ensure that the specialist concerned is aware of, and follows, these instructions precisely.

CLOTH AND FABRIC

- ⚠ Never use soap, ammonia, bleach or other cleaners intended for use on hard surfaces.
- ⚠ Do not use upholstery cleaner on electrical equipment such as fascia switches.
- ⚠ When cleaning around electrical equipment such as switches, ensure that fluids do not leak into any gaps around the components or between panels or trim.

Use Jaguar Upholstery Cleaner, following the instructions. Avoid over-wetting.

REMOVING STAINS

Most stains on woollen fabric can be removed if treatment is carried out immediately, before the stain has a chance to dry-in.

Most stains can be treated with one of three cleaning fluids: Jaguar Upholstery Cleaner, dry cleaning fluid or clean water. Follow the instructions on the package.

INSTRUMENT PANEL, CLOCK AND AUDIO EQUIPMENT

Only use a soft dry cloth to clean the instrument panel, clock and audio equipment. Do not use cleaning fluids or sprays.

TOUCH SCREEN

- ⚠ Do not use abrasive cleaners on the touch screen. For approved cleaning products, contact your Dealer/ Authorised Repairer.

Maintenance

CARPETS AND MATS

Marks or stains can be removed by gentle scrubbing with a weak solution of soap and warm water.

For more stubborn stains a commercially available carpet cleaner should be used.

SEAT BELTS



Do not allow any water, cleaning products, or fabric from cloths to enter the seat belt mechanism. Any substance which enters the mechanism may affect the performance of the seat belt in an impact.

Extend the seat belts fully, then use warm water and a non-detergent soap to clean. Allow the seat belts to dry naturally whilst fully extended and do not allow the belts to retract until fully dry.

***Note:** Whilst cleaning the seat belt, take the opportunity to examine the webbing for damage and wear. Any wear or damage should be reported to, and rectified by, a Dealer/ Authorised Repairer.*

AIRBAG MODULE COVERS



Airbag covers should only be cleaned using a slightly dampened cloth, and a small amount of upholstery cleaner.



Any substance which enters the mechanism, can prevent correct deployment of an airbag during an impact.

CHECKING THE ENGINE OIL LEVEL

- ⚠ Check the engine oil weekly. If any significant or sudden drop in oil level is noted, seek qualified assistance.
- ⚠ If the message **ENGINE OIL PRESSURE LOW** is displayed, stop the engine as soon as it is safe to do so and seek qualified assistance. Do not start the engine until the cause has been rectified.

Prior to checking the oil level ensure that the vehicle is on level ground.

All except V6 petrol engines

- The engine oil has reached working temperature (oil is hot).
- The engine has been switched off for ten minutes, as the system will not give an accurate reading until the oil level has stabilised.

The oil level can then be checked as follows:

1. Switch on the ignition (do not start the engine).
2. Ensure Park (P) is selected.
3. Select the **Service menu** using the instrument panel menu joypad control (see **53, INTERACTIVE CONTROLS**).

Select **Oil level display** from the Service menu. The current oil level status and topping-up advice is displayed in the instrument panel, top-up as instructed.

An indication of the oil level is displayed in the gauge. Messages to the right of the gauge advise you of any action you may need to take.

If the oil level is within the required operating range, the message **Engine Oil Level OK** will be displayed. Do not add any additional oil to the engine.

If the oil level is below the required operating range, a message advising you how much oil to add will be displayed (e.g. **Add 0.5 Litre**). Add the recommended quantity of oil.

If the message **Engine Oil Level Overfilled** is displayed, seek qualified assistance immediately. Do not drive the vehicle as this will cause serious damage to the engine.

If the message **Engine Oil Level Underfilled** is displayed, add 1.5 litres (2.6 pints) of oil, then recheck the level.

If the message **Engine Oil Level Not Available** is displayed, the oil level is stabilising. Switch off the ignition, wait 10 minutes, then recheck the oil level display.

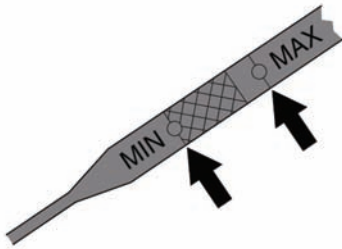
If the warning message **ENGINE OIL LEVEL MONITOR SYSTEM FAULT** is displayed, seek qualified assistance.

V6 petrol engines

Note: If it is necessary to check the oil level when the engine is hot, switch off the engine and let stand for five minutes to allow the oil to drain into the sump. Do not start the engine.



Fluid level checks



E135350

1. Withdraw the dipstick and wipe the blade clean with a lint free cloth.
2. Fully re-insert the dipstick and withdraw again to check the oil level. Never allow the oil level to fall below the lower mark or notch on the dipstick.

As a general guide, if the level on the dipstick:

- Is nearer to the upper mark or notch than the lower, add no oil.
- Is nearer to the lower mark or notch than the upper, add half a litre (one pint) of oil.
- Is below the lower mark or notch, add one litre (two pints) of oil and re-check the level after a further five minutes.

ENGINE OIL SPECIFICATION

- ! Low quality or obsolete oils do not provide the protection required by modern, high performance engines.
- ! Failure to use an oil that meets the required specification could cause excessive engine wear, a build up of sludge and deposits and increased pollution. It could also lead to engine failure.
- ! Your vehicle's warranty may be invalidated if damage is caused by the use of unapproved engine oil.

- ! Do not use oil additives of any type as engine damage could occur. Use only specified lubricants.

Model	Specification
Petrol engines	SAE 5W-20 meeting Jaguar specification WSS M2C925-A only.
Diesel engine	5W-30 engine oil, meeting Jaguar specification WSS M2C934-B only.

TOPPING UP THE OIL

- ! Overfilling with oil could result in severe engine damage.

1. Unscrew the oil filler cap.
2. Add oil as indicated by the message centre display.
3. Wait five minutes for the oil level to stabilise then re-check.

It is essential to use the correct specification oil, and to ensure it is suitable for the climatic conditions in which the vehicle is to be operated.

ENGINE OIL CONSUMPTION

A certain amount of oil consumption is normal. The rate of consumption will depend on the following:

- The quality and viscosity of the oil.
- Climatic conditions.
- The speed at which the engine is being operated.
- Road conditions.

Drivers should expect above normal consumption when the engine is new, and after running-in if high speeds are sustained.

CHECKING THE COOLANT LEVEL

- ⚠ Running the engine without coolant will cause serious engine damage.
- ⚠ If persistent coolant loss is noticed, seek qualified assistance immediately.

The coolant level in the expansion tank should be checked at least weekly (more frequently in high mileage or severe operating conditions). Always check the level when the system is cold.

Ensure the coolant level is maintained between the level indicator marks, as shown in the illustrations.



Diesel engines



Petrol engines

If the message **LOW COOLANT LEVEL** is displayed in the message centre, stop the vehicle as soon as safety permits and top-up the coolant reservoir with the recommended antifreeze/water mix.

If the message centre displays the message **ENGINE OVERHEATING**, pull off the carriageway and allow the engine to idle for five minutes and then switch off the ignition for ten minutes. Switch on the engine and, provided that the warning does not occur, continue your journey, avoiding harsh acceleration. Seek qualified assistance as soon as possible.

TOPPING UP THE COOLANT

- ⚠ **Never remove the filler cap when the engine is hot.**
- ⚠ **Antifreeze is highly inflammable. Do not allow antifreeze to come into contact with naked flames or other sources of ignition (e.g. a hot engine) - a fire may result.**
- ⚠ **Unscrew the filler cap slowly, allowing the pressure to escape before removing completely.**
- ⚠ When travelling in territories where the water supply contains salt, always ensure you carry a supply of fresh (rain or distilled) water. Topping up with salt water will cause serious engine damage.

Top-up to the upper level indicator mark located on the side of the expansion tank. Use only a 50% mix of water and antifreeze to specification WSS M97B44 (coloured orange) Extended Life Coolant.

Fluid level checks

Note: In an emergency, and only if the approved antifreeze is unavailable, top-up the cooling system with clean water, but be aware of the resultant reduction in frost protection. Do not top-up or refill with conventional antifreeze formulations. If in doubt consult a qualified technician.

Ensure the cap is tightened fully after top-up is completed by turning the cap until the ratchet cap clicks.

BRAKE FLUID CHECK

Seek qualified assistance immediately if brake pedal travel is unusually long, unusually short or if there is any significant loss of brake fluid. Driving under such conditions could result in extended stopping distances or complete brake failure.

! If the quantity of fluid in the brake reservoir drops below the recommended level, a red warning lamp in the instrument panel will illuminate and the message Brake Fluid Low will be displayed in the message centre.

Note: If the warning lamp illuminates or the message is displayed while the vehicle is being driven, stop the vehicle as soon as safety permits by gently applying the brakes. Check and top-up the fluid level if necessary.

! Brake fluid is highly toxic - keep containers sealed and out of the reach of children. If accidental consumption is suspected, seek medical attention immediately.

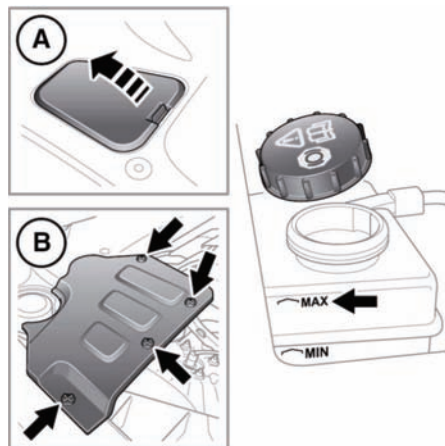
! If the fluid comes into contact with the skin or eyes, rinse immediately with plenty of water.

! Brake fluid is highly flammable. Do not allow brake fluid to come into contact with naked flames or other sources of ignition (e.g. a hot engine).

! Do not drive the vehicle with the fluid level below the MIN mark.

With the vehicle on level ground, check the fluid level at least every week (more frequently in high mileage or arduous operating conditions).

The brake fluid reservoir is located beneath a cover on the raised platform to the rear of the main underbonnet area.



E132662

1. Remove the cover:
 - A. (Left-hand drive) Release the catch and lift the cover forwards, then pull rearwards, to release the hinges.
 - B. (Right hand drive) Undo the four turn-buckles and remove the cover.
2. Clean the filler cap with a clean, dry cloth before removing, to prevent dirt or moisture from entering the reservoir.
3. Remove the filler cap.

4. The brake fluid level should be between the **MIN** and the **MAX** marks on the side of the reservoir.

The fluid level may drop slightly during normal use, as a result of brake pad wear, but should not be allowed to drop below the **MIN** mark.

TOPPING UP THE BRAKE/CLUTCH FLUID

- ⚠ Brake fluid will damage painted surface. Soak up any spillage with an absorbent cloth immediately and wash the area with a mixture of car shampoo and water.
 - ⚠ Only use new fluid from an airtight container (fluid from open containers or fluid previously bled from the system, will have absorbed moisture, which will adversely affect performance, and must not be used).
1. Top up the reservoir to at least the **MINIMUM** mark using Shell DOT ESL brake fluid. If unavailable, use a low viscosity brake fluid that meets ISO 4925 class 6 specification. Only fluid of this type and standard may be used.
 - ⚠ Do not top up the brake fluid to the maximum mark unless the brake pads have been replaced. If unsure seek qualified assistance.
 2. Replace the cap.
 3. Refit the reservoir cover.

POWER STEERING FLUID CHECK

- ⚠ **Power steering fluid is highly toxic. Keep containers sealed and out of reach of children. If accidental consumption of fluid is suspected, seek medical attention immediately.**



If the fluid comes into contact with the skin or eyes, rinse immediately with plenty of water.



Power steering fluid is highly inflammable. Do not allow power steering fluid to come into contact with naked flames or other sources of ignition (e.g. a hot engine).



The engine must not be started if the fluid level has dropped below the **MIN** mark.



Seek qualified assistance immediately if there is a noticeable drop in the fluid level.



If fluid loss is slow, the reservoir may be topped-up to the upper level mark to enable the vehicle to be driven to a repair facility for examination. However, it is recommended that you seek qualified assistance before driving the vehicle.

Check and top-up the fluid with the vehicle on level ground, with the engine switched off and the system cold. Ensure that the steering wheel is not turned after stopping the engine.

The level of fluid can be seen through the translucent body of the reservoir.

The fluid level should be between the **MIN** and the **MAX** marks.

TOPPING UP THE POWER STEERING FLUID



It is imperative that the power steering system does not become contaminated in any way. Always use new fluid and clean the area around the filler neck both before removing the filler cap and after topping up. Never return drained fluid to the system.

Fluid level checks



Power steering fluid will damage painted surfaces. Soak up any spillage with an absorbent cloth immediately and wash the area with a mixture of car shampoo and water.

1. Clean the filler cap before removing to prevent dirt from entering the reservoir.
2. Remove filler cap.
3. Using Mobil ATF320 PAS fluid, top-up the reservoir until the fluid level is between the **MIN** and **MAX** marks.
4. Replace filler cap.

CHECKING THE WASHER FLUID



Do not allow screen washer fluid to come into contact with naked flames or sources of ignition.



If the vehicle is operated in temperatures below 4°C (40°F), use a washer fluid with frost protection.



Only use approved washer fluid.



Take care to avoid spillage, particularly if an undiluted or high concentration is being used. If spillage occurs, wash the affected area immediately with water.

The washer reservoir supplies the windscreen and headlamp washer jets.

Check and top-up the reservoir level at least every week.

Fill with Jaguar Windscreen Washer Fluid, diluted with clean water, as specified in the instructions on the bottle. Using a non-approved fluid may adversely affect the wiper blade rubber, resulting in ineffectual and noisy wiping.

Operate the washers periodically to check that the nozzles are clear and properly directed.

TOPPING UP THE WASHER FLUID

1. Clean the filler cap before opening to prevent dirt from entering the reservoir.
2. Open filler cap.
3. Top-up the reservoir until the fluid is visible in the filler neck.
4. Close filler cap.

ENGINE SPECIFICATIONS

Data	Diesel	V6 Petrol (NA)	V8 Petrol (NA)	V8 Petrol (SC)
Number of cylinders	6	6	8	8
Displacement (cc)	2993	2967	5000	5000
Compression ratio	16.1:1	10.5:1	11.5:1	9.5:1

NA - Normally Aspirated, **SC** - Supercharged.

LUBRICANTS AND FLUIDS

Part	Variant	Specification
Engine oil	V8 Petrol engines	SAE 5W-20 engine oil meeting Jaguar specification WSS M2C925-A only.
	V6 Petrol engines	SAE 5W-30 engine oil meeting Jaguar specification WSS M2C913-C is preferred. Oil meeting ACEA A1/B1 or ACEA A3/B3 specification may be used.
	Diesel engines with Diesel Particulate Filter (DPF)	SAE 5W-30 engine oil meeting Jaguar specification WSS M2C934-B only.
	Diesel engines without Diesel Particulate Filter (DPF)	SAE 5W-30 engine oil meeting Jaguar specification WSS-M2C913-B or WSS-M2C913-C.
Power steering fluid	All vehicles	Mobil ATF320 PAS fluid.
Brake fluid	All vehicles	Shell DOT4 ESL is preferred. If unavailable, a low viscosity brake fluid that meets ISO 4925 specification may be used.
Screen washer	All vehicles	Screen wash with frost protection.
Coolant	All vehicles	50% mixture antifreeze of water and specification WSS M97B44 (coloured orange) Extended Life Coolant.

If in doubt about the required specification of a lubricant or fluid for your vehicle, seek advice from your Dealer/Authorised Repairer.

Technical specifications

WEIGHTS

	Variant	Vehicle weight from	Front axle weight from	Rear axle weight from	Max. luggage compartment load¹
Standard wheelbase	Diesel	1796 kg 3959 lbs	954 kg 2103 lbs	842 kg 1856 lbs	35 kg 77 lbs
	V6 Petrol - NA	1719 kg 3790 lbs	870 kg 1918 lbs	849 kg 1872 lbs	35 kg 77 lbs
	V8 Petrol - NA	1755 kg 3869 lbs	905 kg 1995 lbs	850 kg 1874 lbs	35 kg 77 lbs
Long wheelbase	V8 Petrol - SC	1892 kg 4171 lbs	975 kg 2149 lbs	917 kg 2022 lbs	35 kg 77 lbs
	Diesel	1813 kg 3997 lbs	969 kg 2136 lbs	844 kg 1861 lbs	35 kg 77 lbs
	V8 Petrol - NA	1774 kg 3911 lbs	923 kg 2035 lbs	851 kg 1876 lbs	35 kg 77 lbs
	V8 Petrol - SC	1915 kg 4222 lbs	990 kg 2183 lbs	925 kg 2039 lbs	35 kg 77 lbs

¹ The maximum permitted luggage compartment load can be exceeded, provided the requirements regarding the maximum permissible axle weights and tyre pressures are followed.

NA - Normally Aspirated, **SC** - Supercharged.

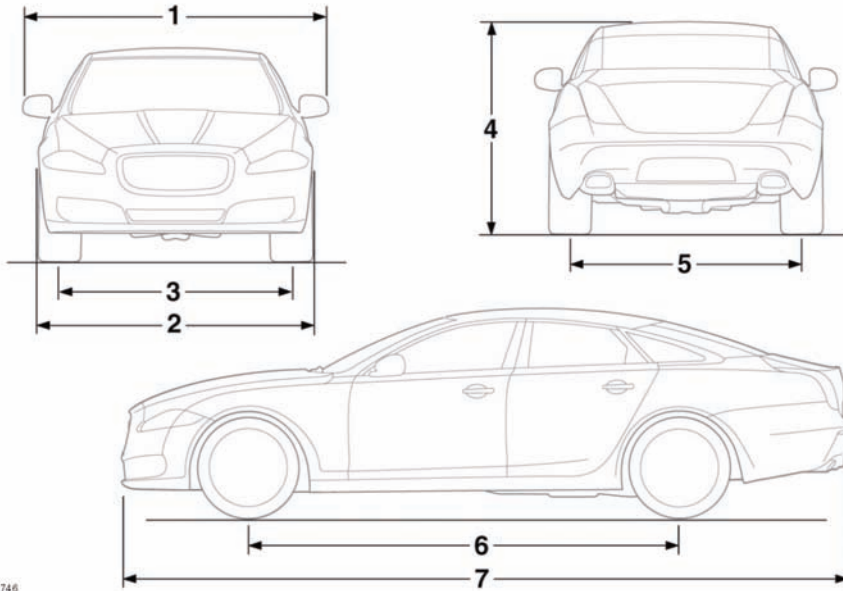
	Variant	Gross Vehicle Weight (GVW)¹	Maximum front axle load²	Maximum rear axle load²
Standard wheelbase	Diesel	2365 kg 5214 lbs	1180 kg 2601 lbs	1250 kg 2756 lbs
	V6 Petrol - NA	2300 kg 5071 lbs	1130 kg 2491 lbs	1250 kg 2756 lbs
	V8 Petrol - NA	2300 kg 5071 lbs	1130 kg 2491 lbs	1250 kg 2756 lbs
	V8 Petrol - SC	2365 kg 5214 lbs	1165 kg 2568 lbs	1250 kg 2756 lbs
Long wheelbase	Diesel	2365 kg 5214 lbs	1180 kg 2601 lbs	1250 kg 2756 lbs
	V8 Petrol - NA	2335 kg 5148 lbs	1130 kg 2491 lbs	1250 kg 2756 lbs
	V8 Petrol - SC	2390 kg 5269 lbs	1180 kg 2601 lbs	1250 kg 2756 lbs

¹ The maximum permissible weight of the vehicle including passengers and load. ² The front and rear axle maximum loads can not be reached simultaneously as this will exceed the GVW limit.

NA - Normally Aspirated, **SC** - Supercharged.

Technical specifications

DIMENSIONS



E 132746

Item	Description	mm (inches)
1	Width	2105 (82.9)
2	Width with mirrors folded	1950 (76.8)
3	Track - front	1626 (64.0)
4	Maximum height	1457 (57.4)
5	Track - rear	1604 (63.1)
6	Wheelbase: Long wheelbase vehicles Standard wheelbase vehicles	3157 (124.3) 3032 (119.4)
7	Length excluding license plate plinth: Long wheelbase vehicles Standard wheelbase vehicles	5252 (206.8) 5127 (201.8)
-	Turning circle (kerb to kerb): Long wheelbase vehicles Standard wheelbase vehicles	12.7 metres (41.7 feet) 12.3 metres (40.4 feet)

CAPACITIES

Item	Variant	Capacity
Fuel tank (usable)	Diesel	77 litres (17 gallons)
	Petrol	80 litres (18 gallons)
Fuel capacity (when the fuel gauge indicates empty)	Diesel	68 litres (15 gallons)
	Petrol	74 litres (17 gallons)
Reserve capacity (when the fuel gauge indicates empty)	Diesel	4 litres (0.9 gallons)
	Petrol	4 litres (0.9 gallons)
Engine oil refill and filter change	Diesel	6.6 litres (11.6 pints)
	V6 Petrol	6.5 litres (11.4 pints)
	V8 Petrol	7.25 litres (12.8 pints)
Washer reservoir	All models	5.5 litres (9.7 pints)
Cooling system (fill from dry)	Diesel	12.3 litres (21.6 pints)
	V6 Petrol (Normally Aspirated)	7.83 litres (16.5 pints)
	V8 Petrol (Normally Aspirated)	10.5 litres (18.5 pints)
	V8 Petrol (Supercharged)	13.2 litres (23.2 pints)
Cooling system (service fill)	Diesel	9 litres (15.8 pints)
	V6 Petrol (Normally Aspirated)	6 litres (10.6 pints)
	V8 Petrol (Normally Aspirated)	8 litres (14.1 pints)
	V8 Petrol (Supercharged) - both drain points used	9 litres (15.8 pints)

The quoted capacities are approximate and provided as a guide only. All levels must be checked using the level marks or information displayed in the message centre, as applicable.

BULB SPECIFICATION

Lamp	Specification	Watts
License plate lamps	W5W	5

Note: All other lamps are non-serviceable. If any lamp should fail, consult your Dealer/ Authorised Repairer.

Technical specifications

ACCESSORY WHEELS AND TYRES



1 _____ 2 _____

3 _____

E132863

1. Front tyre pressure.
2. Rear tyre pressure.
3. Wheel and tyre information (size, speed rating, etc.).

Note: Use the table above to record accessory wheel and tyre information.



Contact your Dealer/Authorised Repairer before fitting any accessory wheels and tyres.

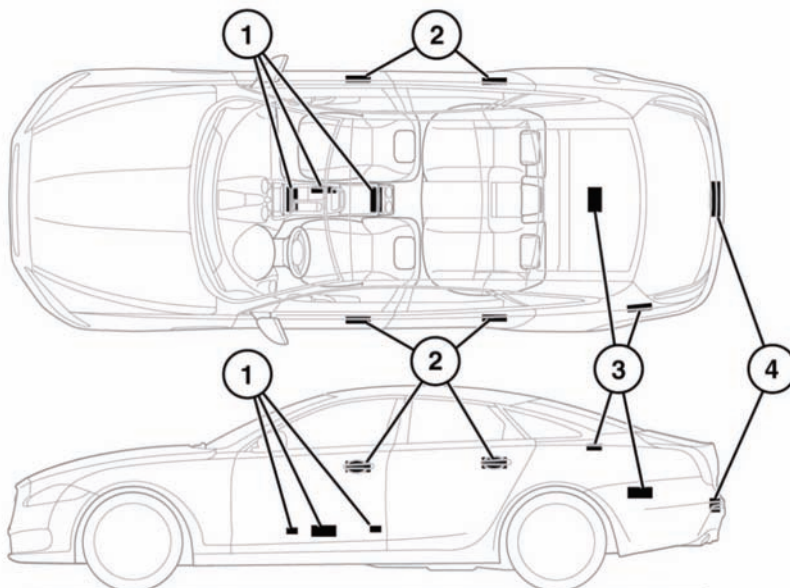
WHEEL ALIGNMENT DATA (CHINA)

Wheel alignment - front	+ 0.23°
Wheel alignment - rear	+0.10°
Camber - front	-0.30°
Camber - rear	-0.67°
Castor - front	6.89°
Castor - rear	N/A

BRAKE PEDAL TRAVEL (CHINA)

The brake pedal travel is set at the factory and is non-adjustable.

REMOTE KEY FOB TRANSMITTER LOCATIONS



E132664

1. Cabin transmitters.
2. Door handle transmitters.
3. Luggage compartment interior transmitters.
4. Luggage compartment exterior transmitter.



Any person fitted with an implanted medical device should ensure that the device is kept at a distance of at least 22 cm (8.7 inches) away from any transmitter mounted in the vehicle. This is to avoid any possibility of interference between the system and device.

Vehicle battery

BATTERY WARNING SYMBOLS



Do not allow naked flames or other sources of ignition near the battery, as the battery may emit explosive gases.



Ensure that when working near or handling the battery, suitable eye protection is worn, to protect the eyes from acid splashes.



To prevent risk of injury, do not allow children near the battery.



Be aware that the battery may emit explosive gases.



The battery contains acid which is extremely corrosive and toxic.



Consult the handbook for information, before handling the battery.

BATTERY CARE



If battery electrolyte comes into contact with your eyes, skin, or clothes you should remove the affected clothing and flush the skin/eyes with copious amounts of water. Seek medical assistance immediately.



If swallowed, battery electrolyte can be fatal, seek medical assistance immediately.



Do not connect any 12 volt equipment directly to the battery terminals. Doing so may cause a spark, which can result in an explosion.



The cell plugs and vent pipe must be in place at all times when the battery is connected to the vehicle. Ensure that the vent pipe is clear of obstructions and not kinked. Failure to do so may cause a pressure build up in the battery, resulting in an explosion.



Do not expose the battery to a naked flame or spark as the battery produces explosive, flammable gas.



Never jump start (boost), charge, or try to start a vehicle with a frozen battery. Doing so can result in an explosion.



Remove all metal jewellery before working on, or near, the battery, and never allow metal tools or vehicle components to come into contact with the battery terminals.



Do not allow the battery posts or terminals to come into contact with your skin. They contain lead and lead compounds, which are toxic. Always wash your hands thoroughly after handling the battery.



Do not allow battery electrolyte to come into contact with fabrics or painted surfaces. If battery electrolyte comes into contact with any surface, the surface should be washed down immediately with copious amounts of clean water.

Your vehicle is fitted with a low maintenance battery, which is located under the floor of the luggage compartment.


In hot climates more frequent checks of the battery electrolyte level and condition are required. If necessary, the battery cells can be topped up using distilled water.

BATTERY MONITORING SYSTEM (BMS)

If excessive battery discharge is occurring when the engine isn't running, the system will shut down non-essential electrical systems to protect battery power.

CONNECTING BOOSTER CABLES

1. Connect the positive booster cable to the positive terminal on the donor vehicle's battery.
2. Connect the other end of the positive booster cable to the positive terminal on the disabled vehicle's battery.
3. Connect the negative booster cable to the recommended jump starting earth point of the donor vehicle.
4. Connect the other end of the negative booster cable to a chassis stud. Two are available on the left-hand side at the rear of the load space opposite the battery.

-  Check that all cables are clear of any moving components and that all four connections are secure.

Note: *If repeated attempts to start the disabled vehicle are needed, allow the donor vehicle to idle for a few minutes between attempts.*

5. Start the engine of the donor vehicle, and allow it to idle for a few minutes.
6. Start the engine of the disabled vehicle.
Note: *If repeated attempts to start the disabled vehicle are needed, allow the donor vehicle to idle for a few minutes between attempts.*
7. Allow both vehicles to idle for two minutes.
8. Switch off the donor vehicle.

DISCONNECTING THE BOOSTER CABLES



To avoid serious injury use extreme caution when removing the booster cables as the engine will be running on the previously disabled vehicle. This means that you may be working close to components which are moving at high speed, carry high voltage, or may be hot.

Note: *Do not switch on any electrical equipment until after the cables have been disconnected.*

The engine should be running on the previously disabled vehicle and the engine switched off on the donor vehicle. Disconnect the booster cables in the exact reverse order of that used for connection.

CHARGING THE VEHICLE BATTERY



The battery must be disconnected and removed from the vehicle before charging.



Battery disconnection, removal and replacement, should only be carried out by qualified personnel. Consult your Dealer/Authorised Repairer.

REPLACING THE VEHICLE BATTERY








Battery disconnection, removal and replacement, should only be carried out by qualified personnel. Consult your Dealer/ Authorised Repairer.






Used batteries must be disposed of correctly, as they contain a number of harmful substances. Seek advice from your Dealer/Authorised Repairer and/or your local authority.

Tyres

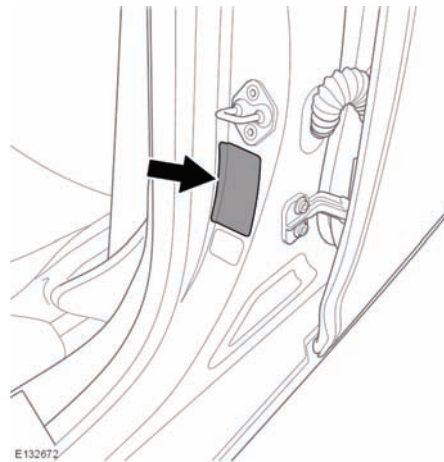
TYRE CARE

-  Do not drive the vehicle if a tyre is damaged, excessively worn, or incorrectly inflated.
-  Avoid contaminating the tyres with vehicle fluids as they may cause damage to the tyre.
-  Avoid spinning the wheels. The forces released can damage the structure of the tyre and cause it to fail.
-  If wheel spin is unavoidable due to a loss of traction (in deep snow, for example), do not exceed 50 km/h (30 mph).
-  Do not exceed the maximum pressure stated on the sidewall of the tyre.

TYRE PRESSURES

-  Never drive your vehicle if the tyre pressures are incorrect.
-  Pressure checks should only be carried out when the tyres are cold, and the vehicle has been stationary for more than three hours. A hot tyre at or below recommended cold inflation pressure is dangerously under-inflated.
-  If the vehicle has been parked in strong sunlight, or used in high ambient temperatures, do not reduce the tyre pressures. Move the vehicle into the shade and allow the tyres to cool before re-checking the pressures.

CHECKING THE TYRE PRESSURES



The recommended tyre pressures are listed on a label located in the driver's door opening.

Check the tyres, including the spare, for condition and pressure on a weekly basis and before long journeys.

If tyre pressures are checked while the vehicle is inside a protected covered area (e.g. a garage) and subsequently driven in lower outdoor temperatures, tyre under-inflation could occur.

A slight pressure loss occurs naturally with time. If this exceeds 0.14 bar (2 psi, 14 kPa,) per week, have the cause investigated and rectified by qualified assistance.

If it is necessary to check tyre pressures when the tyres are warm, you should expect the pressures to have increased by up to 0.3 - 0.4 bar (4 - 6 psi, 30 - 40 kPa). Do not reduce the tyre pressures to the cold inflation pressure under these circumstances. Allow the tyres to cool fully before adjusting the pressures.

TYRE VALVES

Keep the valve caps screwed down firmly to prevent water or dirt entering the valve. Check the valves for leaks when checking the tyre pressures.

PUNCTURED TYRES



Do not drive the vehicle with a punctured tyre. Even if the punctured tyre has not deflated, it is unsafe to use, as the tyre may deflate suddenly at any time.

REPLACEMENT TYRES



Always fit replacement tyres of the same type, and wherever possible of the same make and tread pattern.



If the use of tyres not recommended by Jaguar is unavoidable, ensure that you read, and fully comply with, the tyre manufacturer's instructions.

Ideally, tyres should be replaced in sets of four. If this is not possible, replace the tyres in pairs (both front or both rear). When tyres are replaced, the wheels should always be re-balanced and alignment checked.

The correct tyre specification for your vehicle can be found on the tyre placard label.

PRESSURE COMPENSATION FOR AMBIENT TEMPERATURE CHANGE

A colder ambient local temperature will reduce pressure within the tyre. An effect is to decrease sidewall height and to increase tyre shoulder wear with the potential for tyre failure. Vehicle dynamics could also be adversely affected.

Tyre pressures can be adjusted to compensate before the start of the journey. Alternatively, tyre pressures can be adjusted when the area of lower ambient temperature is reached.

In this situation, the vehicle must be left in the ambient local temperature for at least one hour before tyre pressure is adjusted.

To compensate for colder ambient temperatures, tyre pressures should be increased by 0.14 bar (2psi, 14 kPa) for each 10°C (20°F) decrease.

***Note:** Ensure that correct tyre pressures are maintained when moving to areas of differing ambient temperature.*

AVOIDING FLAT SPOTS

In order to minimise flat spotting, the tyre pressures can be increased to the maximum as stated on the tyre sidewall, for the period when the vehicle is stationary. Tyres must be returned to the specified running pressures before driving.

TYRE DEGRADATION

Tyres degrade over time due to the effects of ultraviolet light, extreme temperatures, high loads, and environmental conditions. It is recommended that tyres are replaced at least every six years, but they may require replacement more frequently.

USING WINTER TYRES

Do not exceed 240 km/h (150 mph) when using Jaguar approved winter tyres.

Winter tyres must be fitted to all four wheels.



Tyres

Note: Tyres with an all season icon or **M+S** have a level of winter performance and need not be replaced.

APPROVED WINTER TYRE SIZES

Front:

- 245/45R19 102V Pirelli Sottozero Series II,
245/40R20 99V Pirelli Sottozero Series II.

Rear:

- 275/40R19 105V Pirelli Sottozero Series II,
275/35R20 102V Pirelli Sottozero Series II.

WINTER TYRE PRESSURES

Up to 240 km/h (150 mph)	
Front	2.2 bar (32 psi, 220 kPa)
Rear	2.2 bar (32 psi, 220 kPa)

USING SNOW CHAINS



It is essential that only snow chains of the recommended type are fitted.

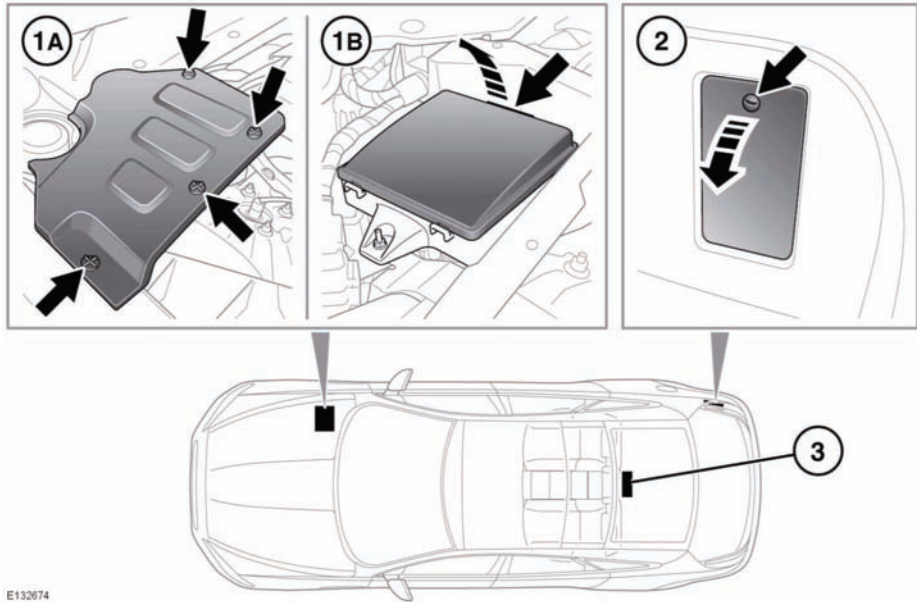
Snow chains can only be fitted to rear wheels. They should not be used on temporary use spare wheels.

Contact your Dealer/Authorised Repairer for details and availability of approved snow chains.

The maximum speed when using snow chains is 50 km/h (30 mph).

Note: When using snow chains, select JaguarDrive Control Winter mode **and** switch DSC off. DSC would reduce the deep snow traction capability as it would limit wheel spin to a level below that which is required to generate maximum traction.

FUSE BOX LOCATIONS



E132674

- ⚠ When a fuse box lid is removed, take care to protect the box from moisture, and refit the lid at the earliest opportunity.

There are three separate fuse boxes fitted to the vehicle, each one containing fuses protecting a different group of circuits.

1. The engine compartment fuse box.
 - Remove engine cover.
 - Remove fuse box cover.
2. The luggage compartment fuse box.
3. The passenger compartment fuse box.

Note: Accessing the passenger compartment fuse box requires removal of the rear seat. This should only be carried out by qualified personnel.

CHANGING A FUSE

- ⚠ Always turn off the ignition system and the affected electrical circuit, before replacing a fuse.
- ⚠ Fit Jaguar approved replacement fuses of the same rating and type, or fuses of matching specification.
- ⚠ If the replacement fuse blows after installation, the system should be checked by your Dealer/Authorised Repairer.

Note: Jaguar recommend that owners do not remove or replace relays. It is recommended that you seek qualified assistance in the event of a relay failure.

Spare ATO fuses are located in the tool tray situated under the floor in the luggage compartment.

ENGINE COMPARTMENT FUSE BOX

Fuse No	Rating (amps)	Fuse Colour	Circuit
F1	-	-	-
F2	15A	Blue	Ignition coils (petrol) or ECM (Diesel)
F3	5A	Tan	CDCS ECU, EPB, EMS, ECM (Petrol)
F4	30A	Green	Power wash pump.
F5	-	-	-
F6	5A	Tan	AC Clutch compressor (Diesel)
F7	40A	Orange	RH front screen heater.
F8	10A	Red	GPC, UHEGO, MAFA (Diesel)
F9	5A	Tan	EBF, ECFC, EOTL, Engine cooling fan, PCM cooling fan (Diesel)
F10	-	-	-
F11	-	-	-
F12	5A	Tan	ESOV, CRV, EGR CBV, TSOV, MAFB (Diesel)
F13	5A	Tan	AEM, WIF (Diesel)
F14	5A	Tan	PCV, MEU, Fuel pump relay control (Diesel)
F15	-	-	-
F16	-	-	-
F17	15A	Blue	TCM, ETS.
F18	20A	Yellow	EMS main, EMS secondary control (petrol).
F19	30A	Green	Starter.
F20	40A	Orange	DSC pump.
F21	25A	Clear	ABS slip valves.
F22	-	-	-
F23	-	-	-
F24	15A	Blue	Intercooler water pump (petrol).
F25	15A	Blue	Horns.
F26	40A	Orange	Wiper motor.
F27	-	-	-
F28	15A	Blue	ECM, VVT diode (petrol).
F29	5A	Tan	Oil quality, MAFS, DHTL (petrol).
F30	10A	Red	Throttle motor (petrol).

Fuse No	Rating (amps)	Fuse Colour	Circuit
F31	10A	Red	Radiator fan, ECM cooling fan, purge valve, CPS valves, IMTV (petrol).
F32	40A	Orange	Front screen heater.
F33	20A	Yellow	UHEGO bank A heaters (petrol).
F34	20A	Yellow	UHEGO bank B heaters (petrol).
F35	100A	Black	Engine cooling fan.

PASSENGER COMPARTMENT FUSE BOX

Fuse No	Rating (amps)	Fuse Colour	Circuit
F1	5A	Tan	RF-RX, IMS, TPM system.
F2	-	-	-
F3	-	-	-
F4	-	-	-
F5	5A	Tan	DSC module, Yaw rate, SAS.
F6	5A	Tan	ACC.
F7	20A	Yellow	Rear climate control.
F8	30A	Green	Front passenger's seat adjustment.
F9	5A	Tan	EPB.
F10	5A	Tan	Air suspension ECM.
F11	-	-	-
F12	-	-	-
F13	-	-	-
F14	5A	Tan	Brake pedal switch.
F15	30A	Green	Heated rear screen.
F16	-	-	-
F17	5A	Tan	KVM supply.
F18	5A	Tan	Fuel pump relay.
F19	5A	Tan	ECM.
F20	10A	Red	Heated steering wheel.
F21	5A	Tan	AC sensor, Front overhead console, Front dual climate control module and smog sensor.

Fuses

Fuse No	Rating (amps)	Fuse Colour	Circuit
F22	5A	Tan	TCM, E-Diff, Jaguar Drive selector.
F23	5A	Tan	Headlamp levelling.
F24	5A	Tan	RH front and rear lamp clusters.
F25	10A	Red	LH front and rear lamp clusters.
F26	-	-	-
F27	-	-	-
F28	20A	Yellow	Rear seat dual climate control module.
F29	20A	Yellow	Front seat dual climate control module.
F30	25A	Clear	Passenger door module.
F31	5A	Tan	Rain/light sensor.
F32	25A	Clear	Driver's door module.
F33	20A	Yellow	Front dual climate control module.
F34	10A	Red	Fuel filler flap lock.
F35	-	-	-
F36	5A	Tan	Battery back up sounder/tilt sensor.
F37	20A	Yellow	KVM.
F38	15A	Blue	Front screen wash pump relay.
F39	25A	Clear	LH rear door module.
F40	5A	Tan	Driver's window, Clock, ICP, Rear climate panel, passenger door memory.
F41	5A	Tan	Power amp.
F42	30A	Green	Driver's seat module.
F43	-	-	-
F44	25A	Clear	RH rear door module.
F45	30A	Green	Passenger front seat switch pack.
F46	30A	Green	Driver's seat module.
F47	-	-	-
F48	-	-	-
F49	5A	Tan	RH headlamp motor.
F50	5A	Tan	LH headlamp motor.
F51	5A	Tan	Steering wheel switches.
F52	20A	Yellow	Front cigar lighter.

Fuse No	Rating (amps)	Fuse Colour	Circuit
F53	20A	Yellow	Rear cigar lighter.
F54	-	-	-
F55	20A	Yellow	Rear accessory socket.
F56	10A	Red	RCM/OCS.
F57	10A	Red	Glove box, glove box lamp, front and rear overhead consoles, sun visor lamps, vanity lamps.
F58	-	-	-
F59	-	-	-
F60	-	-	-
F61	10A	Red	IAU, cluster, cluster fan.
F62	10A	Red	Climate control module.
F63	20A	Yellow	Front accessory socket.
F64	15A	Blue	IAM (head unit).
F65	-	-	-
F66	5A	Tan	OBD 2.
F67	-	-	-
F68	10A	Red	DAB, TVM.
F69	15A	Blue	HLDF.

LUGGAGE COMPARTMENT FUSE BOX












Fuse No	Rating (amps)	Fuse Colour	Circuit
F1	40A	Orange	LH seat belt retract module.
F2	15A	Blue	CVD ECU, ACC.
F3	5A	Tan	PAM, RH blind spot monitor, rear view mirror.
F4	10A	Red	Chassis control module.
F5	20A	Yellow	Air suspension.
F6	30A	Green	Electronic parking brake (EPB).
F7	40A	Orange	RH seat belt retractor module.
F8	30A	Green	Fuel pump.
F9	40A	Orange	Power amp.
F10	-	-	-









Fuses

Fuse No	Rating (amps)	Fuse Colour	Circuit
F11	-	-	-
F12	-	-	-
F13	5A	Tan	Air suspension.
F14	40A	Orange	AC Blower.
F15	10A	Red	Passenger seat switch pack.
F16	-	-	-
F17	20A	Yellow	Front seats.
F18	20A	Yellow	Rear RH seat heater module, parcel shelf sunblind.
F19	10A	Red	Driver's seat switch pack.
F20	20A	Yellow	Power boot lid.
F21	30A	Green	Sun roof module.
F22	60A	Blue	Air suspension.
F23	40A	Orange	E-diff module.

WHEEL CHANGING SAFETY

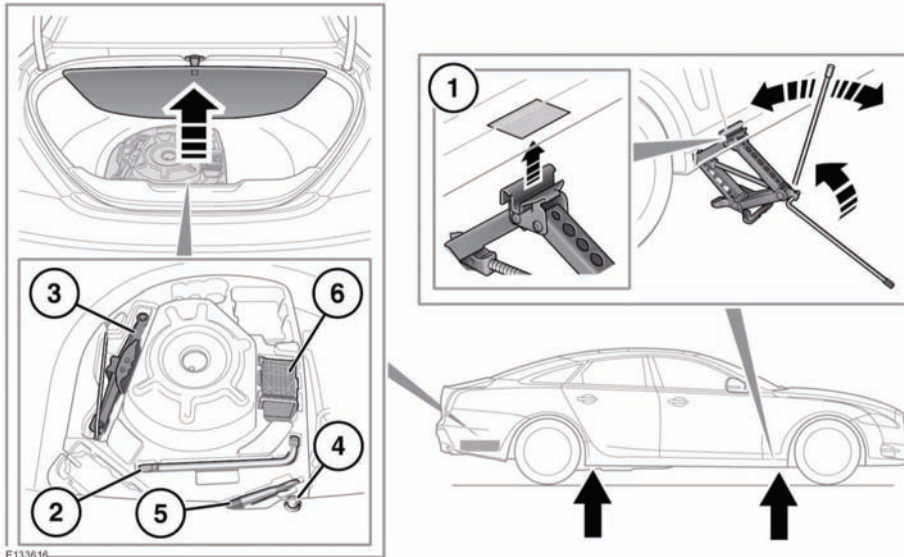
Before raising the vehicle, or changing a wheel ensure that you read, and comply with the following warnings.

-  **Always find a safe place to stop, off the highway and away from traffic.**
-  **Ensure that the vehicle and jack are both on firm level ground.**
-  **Apply the parking brake, and engage Park (P).**
-  **Switch on the hazard warning lamps.**
-  **Ensure that the front wheels are in the straight ahead position, and engage the steering lock.**
-  **Ensure that all passengers, and animals, are out of the vehicle and in a safe place away from the highway.**
-  **Place a warning triangle at a suitable distance behind the vehicle, facing towards oncoming traffic.**
-  **When one rear wheel is lifted off the ground the selection P (Park) position will not prevent the vehicle from moving and possibly slipping off the jack as the park brake only operates on the rear wheels. Use the wheel chock when jacking the vehicle.**
-  **Always chock the wheel diagonally opposite the wheel to be changed, using the wheel chock supplied in the tool kit. Chock the front of a front wheel, or the rear of a rear wheel.**
-  **If jacking the vehicle on a slight slope is unavoidable, place chocks on the downhill side of the two opposite wheels. An additional chock will be needed.**
-  **Never place anything between the jack and the ground, or the jack and the vehicle.**

-  **Do not attempt to raise the vehicle unless the jack head is fully engaged in the jacking point. Only jack the vehicle using the approved jacking points.**
-  **Remove the spare wheel prior to jacking the vehicle, to avoid destabilising the vehicle when raised.**
-  **Take care when lifting the spare wheel, and removing the punctured wheel. The wheels are heavy, and can cause injuries if not handled correctly.**
-  **Do not start or run the engine while the vehicle is supported only by a jack.**
-  **Do not get under a vehicle that is supported by a jack.**
-  **Take care when loosening the wheel nuts. The wheel brace may slip off if not properly attached, and the wheel nuts may release suddenly. Either unexpected movement may cause an injury.**
-  **After use, the tool kit should be returned to the under floor storage area and correctly stowed.**
-  **Always ensure replacement tyres have the correct rating and specifications (e.g. load index, size, speed rating) for your vehicle.**

Wheel changing

WHEEL CHANGING



Before raising the vehicle slacken but do not remove the wheel nuts.

1. Observe the instructions printed on the jack.

There are four jacking points on the underside of the floor. Two indented, triangular indicators are provided on each sill cover. These indicate the location for the jack.

Carefully raise the vehicle by turning the jack handle. Stop jacking the vehicle when the tyre just clears the ground. Minimum tyre lift gives maximum vehicle stability.

Note: To remove the centre badge use the plastic tipped end of the wheel nut wrench handle, push the centre badge from its housing from the inside of the wheel.

To remove the spare wheel, unscrew and remove the bolt through the centre.

Fit the spare wheel and loosely secure with the wheel nuts.

2. Wheel brace.
3. Jack.
4. Locking wheel nut adaptor.
5. Towing eye.
6. Wheel chock.

TEMPORARY USE SPARE WHEEL

Observe the following warnings before using the wheel:






Always adhere to the instructions given on the temporary use spare wheel warning label. Failure to comply can be dangerous.



When a temporary use spare wheel is fitted, drive with caution and replace with the specified wheel and tyre as soon as possible.



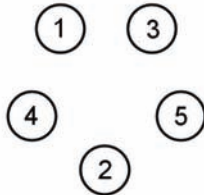
Do not fit more than one temporary use spare wheel and tyre assembly at one time.

-  The temporary use spare wheel must be inflated to 4.2 bar (60 psi, 420 kPa) and cannot be repaired.
-  Temporary use spare wheel, maximum speed is 80 km/h (50 mph).
-  DSC must be on when the temporary use spare wheel is in use.

LOCKING WHEEL NUTS

Note: A code number is stamped on the side of the locking nut. Ensure the number is recorded on the Security Card supplied with the literature pack. Quote this number if a replacement is required. Do not keep the Security Card in the vehicle.

TIGHTENING THE WHEEL NUTS



E132675

Using the wheel nut wrench, lightly tighten the wheel nuts alternately using the sequence shown in the illustration.

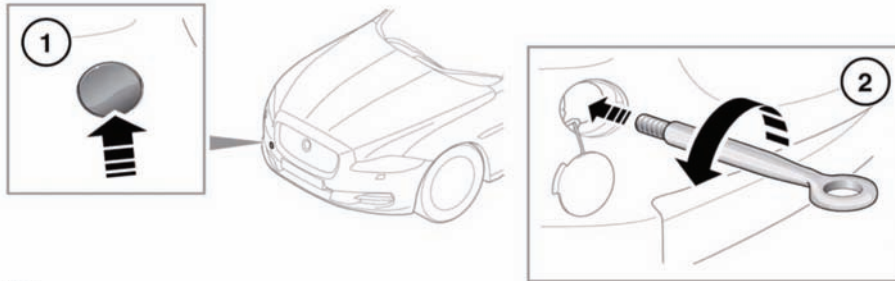
Lower the jack, then tighten the wheel nuts fully, in the same sequence shown. Do not overtighten by using foot pressure or extension bars on the wheel nut wrench.

At the earliest opportunity have the wheel nuts tightened with a torque wrench to 125 Nm (92 lb.ft).

This torque must not be exceeded.

Vehicle recovery

FRONT TOWING EYE



E132676



The towing eye at the front of the vehicle is designed for on-road recovery only.



Do not tow the vehicle on all four wheels.

ATTACHING THE FRONT TOWING EYE

The towing eye is included in the tool kit, located in the under-floor area of the luggage compartment.

1. Pop out the cover in the front bumper.
2. Locate the towing eye through the bumper and screw the towing eye anticlockwise into its fixing, until secure.

TRANSPORTING THE VEHICLE



Only use the lashing points indicated, or over-wheel lashings or wheel chocks. Lashing over the body or suspension is not permissible as settling of the air suspension will cause lashing straps to slacken.

The recommended method for recovery/transportation of the vehicle, is on a transporter or trailer designed for that purpose.

Ensure that transportation is carried out by suitably qualified persons, and that the vehicle is secured correctly.

BEFORE STARTING OR DRIVING



If the vehicle is involved in a collision it should be checked by a Dealer/ Authorised repairer, or suitably qualified personnel, before starting or driving.

PEDESTRIAN PROTECTION SYSTEM

The bumper includes sensors that detect a collision with a pedestrian and includes energy absorbing foam and plastics in its construction, to reduce leg injuries.

During a pedestrian collision, the sensors initiate a bonnet deployment system that releases the bonnet hinge system and raises the rear edge of the bonnet by approximately 130 mm (5.1 inches).

This increases the gap between the bonnet and the components within the engine compartment to create a cushion to mitigate injury caused to the pedestrian.

The bonnet deployment system is active only when the ignition is on and the vehicle is driven between the speeds of approximately 20 km/h (12 mph) and 45 km/h (28 mph).

AFTER DEPLOYMENT OF THE PEDESTRIAN PROTECTION SYSTEM



Do not attempt to open the bonnet if the pedestrian protection system has been deployed.

The vehicle must be stopped as soon as it is safe to do so.

The hazard warning lamps will be activated and can only be switched off by pressing the engine START/STOP button to turn the engine off and on again.

A warning message **CHECK PEDESTRIAN SYSTEM** will appear on the message centre and the vehicle should be transported to the nearest Dealer/Authorised Repairer. The vehicle must not be driven when the bonnet has been deployed.

Note: *If the warning message **CHECK PEDESTRIAN SYSTEM** appears in the message centre when the bonnet has not been deployed, the vehicle should be taken to the nearest Dealer/Authorised Repairer immediately. It can be driven.*

If any significant damage occurs to the front bumper it should be inspected by a Dealer/Authorised Repairer as soon as possible.

EVENT DATA RECORDING

Event data recorders are capable of collecting and storing data during a crash or near-crash event. The recorded information may assist in the investigation of such an event. The modules may record information about both the vehicle and the occupants, potentially including such information as:

- How various systems in your vehicle were operating.
- Whether or not the driver and passenger seat belts were buckled.
- How far, if at all, the driver was pressing the accelerator and/or brake pedal.
- How fast the vehicle was travelling.
- Where the driver was positioning the steering wheel.

After a collision

To access this information special equipment must be connected directly to the recording modules. Jaguar Cars Limited do not access event data recorder information without obtaining consent, unless pursuant to court order or where required by law enforcement, other government authorities or third parties acting with lawful authority.

Other parties may seek to access the information independently of Jaguar Cars Limited.

LABEL LOCATIONS

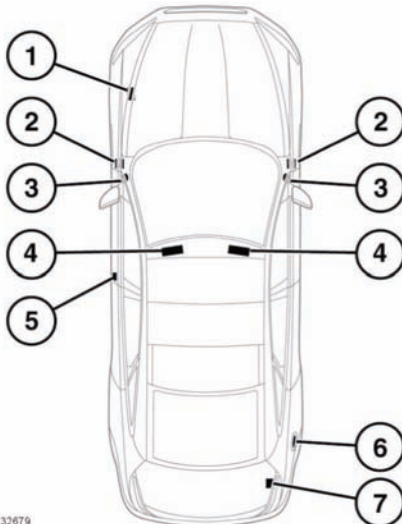


Warning labels attached to your vehicle bearing this symbol mean: Do not touch or adjust components until you have read the relevant instructions in the handbook.



Labels showing this symbol indicate that the ignition system utilises very high voltages. Do not touch any ignition components while the starter switch is turned on.

Labels are applied to draw your attention to important subjects (e.g. tyre pressures, airbags, engine compartment hazards, etc.). Additional information labels may also be found at these locations.



1. Left-hand inner wing - Air conditioning label

2. Vehicle Identification plate, including the Vehicle Identification Number (VIN) and recommended maximum vehicle weights.

Note: The VIN plate is situated on the left-hand side for all markets except China. In Chinese markets, the plate is situated on the right-hand pillar.

The VIN number is also stamped on a plate, visible through the bottom left-hand side of the windscreen.

3. End of fascia (passenger side) - Passenger airbag label
4. Sun visor - Airbag label
5. Base of B pillar on the driver's side - Tyre pressure label, Airbag warning label.
6. Inner face of fuel filler flap - Fuel specification label
7. Top face of battery - Battery warning symbols

It is important that you are familiar with these subjects to ensure that your vehicle and its features are used safely. Using the index at the back of this handbook, refer to the relevant topic for more information.

ENGINE NUMBER (PETROL ENGINES)

The number is located on the front of the right-hand cam cover.

ENGINE NUMBER (DIESEL ENGINES)

The number is located on a metal label attached to the top of the left-hand camshaft cover.

TRANSMISSION NUMBER

The transmission number is located on a label attached to the transmission casing.

E132679

Vehicle identification

VEHICLE BUILD DATE PLATE (Australia only)

The vehicle built date is shown on the VIN plate.

Type approval

Lear Corporation
Electronics Systems Division
Southfield, MI 48033-2148
USA
Phone (248) 417-1500



RKE Receiver

Land Rover, Range Rover, Jaguar

FCC ID: K0BJLR09A

IC: 3521-JI R09A

Model #: AH42-15K602-A

This device complies with Part 15 of the FCC Rules and with RSS-210 of Industry Canada.

Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

WARNING: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. The term "IC:" before the radio certification number only signifies that Industry Canada technical specifications were met.

Passive Entry / Passive Start Module

Land Rover, Range Rover, Jaguar

FCC ID: K0BJBG10A

IC: 3521-JBG10A

Model #: AH22-19H440 (PEPS)

Model #: AH42-19H440 (Passive Start ONLY)

FCC ID: K0BJBG10B

IC: 3521-JBG10B

Model #: AH22-19H440 (PEPS)

Model #: AH42-19H440 (Passive Start ONLY)

This device complies with Part 15 of the FCC Rules and with RSS-210 of Industry Canada.

Operation is subject to the following two conditions:

- (1) The device may not cause harmful interference, and
- (2) The device must accept any interference received, including interference that may cause undesired operation.

WARNING: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. The term "IC:" before the radio certification number only signifies that Industry Canada technical specifications were met.

Lear Corporation
Electronics Systems Division
Southfield, MI 48033-2148
USA
Phone (248) 417-1500



Key fobs

Land Rover, Range Rover

Date: February 6, 2009

INFORMATION TO BE INCLUDED IN THE END USER'S MANUAL

The following information must be included in the end product user's manual to ensure continued FCC and Industry Canada regulatory compliance. The ID numbers must be included in the manual if the device label is not readily accessible to the end user. The compliance paragraphs below must be included in the user's manual.

The following user's manual statements are provided by Lear Corporation to Jaguar Land Rover electronically after certification.

Key fobs

Land Rover, Range Rover

FCC ID: K0BJTF10A (Range Rover, Land Rover)

FCC ID: K0BJTF10B (Jaguar)

IC: 3521A-JTF10A (Range Rover, Land Rover)

IC: 3521A-JTF10B (Jaguar)

Model #: AH42-15K601A (Range Rover)

Model #: AH22-15K601A (Land Rover)

Model #: AW53-15K601A (Jaguar)

This device complies with Part 15 of the FCC Rules and with RSS-210 of Industry Canada.

Operation is subject to the following two conditions:


- (1) The device may not cause harmful interference, and
- (2) The device must accept any interference received, including interference that may cause undesired operation.

WARNING: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. The term "IC:" before the radio certification number only signifies that Industry Canada technical specifications were met.

EC Declaration of Conformity

EC Directive: 1999/5/EC
 Manufacturer: Lear Corporation
 Type Designation / FCC ID: KOB/JBG10A
 Model Numbers: 5E0770237, 5E0770337, 19H440, AH22-19H440-AC, AH42-19H440-AD, AH22-19H440, AH42-19H440
 Description / Intended Use: Remote Function Actuator (RFA), passive keyless entry and start system low frequency initiator
 Trademarks: Land Rover / Range Rover / Jaguar
 Applied Standards: European Commission Directive 2006/28/EC
 ETSI EN 60950
 ETSI EN 300 330
 CEPT/ETC/REC 70-03
 AS/NZS 4288
 FCC Regulations 47 CFR Part 15
 Responsible Person: Kevin Cotton
 Lear Corporation
 21557 Telegraph Road
 Southfield, Michigan 48033
 United States of America

Herby, Lear Corporation declares that the product referenced above is in compliance with the essential requirements of Directive 1999/5/EC, on the approximation of the laws of the member states relating to Directive 1999/5/EC

Signed: 
 Kevin Cotton, Lear Corporation

Date: 27 March 2009

EC Declaration of Conformity

EC Directive: 1999/5/EC
 Manufacturer: Lear Corporation
 Type Designation / FCC ID: KOB/JBG10B
 Model Numbers: 5E0770257, 5E0770357, 19H440, AH22-19H440, AH42-19H440, AH22-19H440-AD, AH42-19H440-AE
 Description / Intended Use: Remote Function Actuator (RFA), passive keyless entry and start system low frequency initiator
 Trademarks: Land Rover / Range Rover / Jaguar
 Applied Standards: European Commission Directive 2006/28/EC
 ETSI EN 60950
 ETSI EN 300 330
 CEPT/ETC/REC 70-03
 AS/NZS 4288
 FCC Regulations 47 CFR Part 15
 Responsible Person: Kevin Cotton
 Lear Corporation
 21557 Telegraph Road
 Southfield, Michigan 48033
 United States of America

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Signed: 
 Kevin Cotton, Lear Corporation

Date: 27 March 2009

EC Declaration of Conformity

EC Directive: 1999/5/EC
 Manufacturer: Lear Corporation
 Type Designation: 5E0760127
 Model Numbers: 5E0760127, 15K602, AH42-15K602-B, AH42-15K602-BC
 Description / Intended Use: RF Receiver (RFR), used in passive entry and passive start, remote keyless entry, and tire pressure monitoring systems.
 Trademarks: Land Rover / Range Rover / Jaguar
 Applied Standards: European Commission Directive 2006/28/EC
 ETSI EN 60950
 ETSI EN 300 220
 CEPT/ERC/REC 70-03
 AS/NZS 4268
 Responsible Person: Kevin Cotton
 Lear Corporation
 21557 Telegraph Road
 Southfield, Michigan 48033
 United States of America

Hereby, Lear Corporation declares that the product referenced above is in compliance with the essential requirements of Directive 1999/5/EC, on the approximation of the laws of the member states relating to Directive 1999/5/EC

Signed: 
 Kevin Cotton, Lear Corporation

Date: 27 March 2009

EC Declaration of Conformity

EC Directive: 1999/5/EC
 Manufacturer: Lear Corporation
 Type Designation: 15K601
 Model Numbers: 5E0850127, 5E0860127, 15K601-BB, AH42-15K601B, AH42-15K601B, AH42-15K601-5C, AH42-15K601-BC
 Description / Intended Use: Passive Key (PK) / Customer Identification Device (CID), passive keyless entry system keyfob
 Trademarks: Land Rover / Range Rover
 Applied Standards: CEPT/ERC/REC 70-03
 ETSI EN 60950
 ETSI EN 300 220
 ETSI EN 301 489
 IEC EN 60950
 AS/NZS 4268
 Responsible Person: Kevin Cotton
 Lear Corporation
 21557 Telegraph Road
 Southfield, Michigan 48033
 United States of America

Hereby, Lear Corporation declares that the product referenced above is in compliance with the essential requirements of Directive 1999/5/EC, on the approximation of the laws of the member states relating to Directive 1999/5/EC

Signed: 
 Kevin Cotton, Lear Corporation

Date: 26 March 2009

Quietek

快特電波股份有限公司 低功率射頻電機型式認證證明

一、申請者：Lear Corporation
 二、製造廠商：Lear Corporation
 三、器材名稱：Range Rover/5E0B60227
 四、廠牌型號：315MHz; 84.195dBuV/m(Peak)
 五、發射功率(電場強度)：315MHz
 六、工作頻率：315MHz

七、發證日期：98年06月02日
 八、審核合格標識式樣： CCA1H09LP0550T5

說明：

- 請就下列標識式樣自製標籤，標貼於申請器材本體明顯處，即標籤式或公開陳列。
- 請就式認證合格之低功率射頻電機，其型號、設計、射頻性能如有變更，應重新申請型式認證。
- 違反低功率電波輻射性電機管理辦法之規定，擅自使用或變更無線電頻率、電功率者，依違反法規之處罰外，除罰鍰外(備註)並得停止其型式認證證明或型式認證標籤。
- 違章廠商應自通知違章標品自日後起列。
- 本型式認證證明或型式認證標籤使用應遵守應知得本證明者，本證明持有入除附同意書報請國家通訊傳播委員會備查後，得授權他人於功能等同型號之器材，使用其合格標籤。

備註：

- 本器材符合低功率射頻電機技術規範 LP0002 3.4.2節之規定。
- 本廠認證標自國家通訊傳播委員會審定，核發本型式認證證明。
- 本器材所使用國家正式無線電頻率型號如下：
Lear Corporation/ N/A

Quietek

快特電波股份有限公司 低功率射頻電機型式認證證明

一、申請者：Lear Corporation
 二、製造廠商：Lear Corporation
 三、器材名稱：RFA (Positive Start)
 四、廠牌型號：LEAR/5E0770337
 五、發射功率(電場強度)：125KHz; 61.54dBuV/m(Average)
 六、工作頻率：125KHz

七、發證日期：98年06月02日
 八、審核合格標識式樣： CCA1H09LP0570T1

說明：

- 請就下列標識式樣自製標籤，標貼於申請器材本體明顯處，即標籤式或公開陳列。
- 請就式認證合格之低功率射頻電機，其型號、設計、射頻性能如有變更，應重新申請型式認證。
- 違反低功率電波輻射性電機管理辦法之規定，擅自使用或變更無線電頻率、電功率者，依違反法規之處罰外，除罰鍰外(備註)並得停止其型式認證證明或型式認證標籤。
- 違章廠商應自通知違章標品自日後起列。
- 本型式認證證明或型式認證標籤使用應遵守應知得本證明者，本證明持有入除附同意書報請國家通訊傳播委員會備查後，得授權他人於功能等同型號之器材，使用其合格標籤。

備註：

- 本器材符合低功率射頻電機技術規範 LP0002 2.8節之規定。
- 本廠認證標自國家通訊傳播委員會審定，核發本型式認證證明。
- 本器材所使用國家正式無線電頻率型號如下：
Lear Corporation/ N/A

QuietTek

快特電波股份有限公司 低功率射頻電機型式認證證明

一、申請者：Lear Corporation
 二、製造廠商：Lear Corporation
 三、器材名稱：RFA (Passive Start & Start Module)
 四、廠牌/型號：LEAR / 5E0770237
 五、發射功率 (電場強度)：1258Hz: 65.3dBuV/m(Average)
 1258Hz

七、發證日期：98年06月02日
 八、審驗合格標識式樣：

說明：
 1. 請依上列標識式樣自製標識，標識或印鑄於器材本體明顯處，由同級產品公司陳列。
 2. 標識式認證合格之低功率射頻電機，其型號、設計、射頻性能如有變更，應重新申請型式認證。
 3. 違反低功率電波射頻性電機管理辦法之規定，擅自使用或變更無線電頻率、電功率者，依電信法規定處罰外，驗證機關(構)並得停止其型式認證證明或型式認證標識。
 4. 違章處罰應保留違章標識至處罰日期屆滿後始行。
 5. 本型式認證證明及其合格標識使用權專屬於申請人，本證明持有入除附同意書報請國家通訊傳播委員會備查後，得授權他人於同級產品型號之器材，使用其合格標識。

備註：
 1. 本器材符合低功率射頻電機技術規範 LP0002 2.8節之規定。
 2. 本驗證機關係指國家通訊傳播委員會委託，核發本型式認證證明。
 3. 本器材所使用之型式及核准廠牌型號如下：
 Lear Corporation / N/A

QuietTek

快特電波股份有限公司 低功率射頻電機型式認證證明

一、申請者：Lear Corporation
 二、製造廠商：Lear Corporation
 三、器材名稱：Range Rover / 5E0850227
 四、廠牌/型號：Range Rover / 5E0850227
 五、發射功率 (電場強度)：315MHz: 84.195dBuV/m(Peak)
 315MHz

七、發證日期：98年06月02日
 八、審驗合格標識式樣：

說明：
 1. 請依上列標識式樣自製標識，標識或印鑄於器材本體明顯處，由同級產品公司陳列。
 2. 標識式認證合格之低功率射頻電機，其型號、設計、射頻性能如有變更，應重新申請型式認證。
 3. 違反低功率電波射頻性電機管理辦法之規定，擅自使用或變更無線電頻率、電功率者，依電信法規定處罰外，驗證機關(構)並得停止其型式認證證明或型式認證標識。
 4. 違章處罰應保留違章標識至處罰日期屆滿後始行。
 5. 本型式認證證明及其合格標識使用權專屬於申請人，本證明持有入除附同意書報請國家通訊傳播委員會備查後，得授權他人於同級產品型號之器材，使用其合格標識。

備註：
 1. 本器材符合低功率射頻電機技術規範 LP0002 3.4.2節之規定。
 2. 本驗證機關係指國家通訊傳播委員會委託，核發本型式認證證明。
 3. 本器材所使用之型式及核准廠牌型號如下：
 Lear Corporation / N/A



Continental
Continental Automotive GmbH - Postfach 101 551 - 53095 Hagenberg

Wolfgang Dreyer
Kontakt
Phone +49 (0)411 790-6099
Fax +49 (0)411 790-136699
dreyer.wolfgang@continental-corporation.com

Date: July 29, 2008
Your message model: Car Reference: Your reference:

Declaration of Conformity in accordance with Directive 1999/5/EC (R&TTE Directive)

Manufacturer: Continental Automotive GmbH
Address: Siemensstrasse 12
D-90055 Regensburg
Germany
Product type designation: S180 052 020 A
Intended use: Tire Pressure System

The product mentioned above complies with the essential requirements and other relevant provisions of Directive 1999/5/EC, when used for its intended purpose:

Health and safety pursuant to §3.1.a:
Applied standard(s): EN 60950-1: 2006

Electromagnetic compatibility pursuant to § 3.1.b:
Applied standard(s): EN 301 489 -1; V1.6.1 (2005-09)
EN 301 489 -3; V1.4.1 (2002-08)

Efficient use of spectrum pursuant to § 3.2:
Applied standard(s): EN 300 220 -1; V2.1.1 (2006-04)
EN 300 220 -2; V2.1.1 (2006-04)

The following marking applies to the above mentioned product:

CE

Continental Automotive GmbH
Regensburg, 2008-07-29

Signature: *Wolfgang Dreyer*
Address: *Wolfgang Dreyer*
Name: *Wolfgang Dreyer*
Position: *Director Product Group 3 Body & Security*

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Germany, DE
Phone: +49 391 31-1000
Fax: +49 391 31-2020
www.continental-corporation.com
Printed in Germany
1000 10000



Label to be used on the following products only:

- citizen band radio equipment
- cellular equipment
- trunk radio equipment
- spread spectrum devices
- leased channel radio equipment
- cordless telephone
- wireless security devices
- wireless microphone
- radio-control equipment
- medical & biology telemetry equipment

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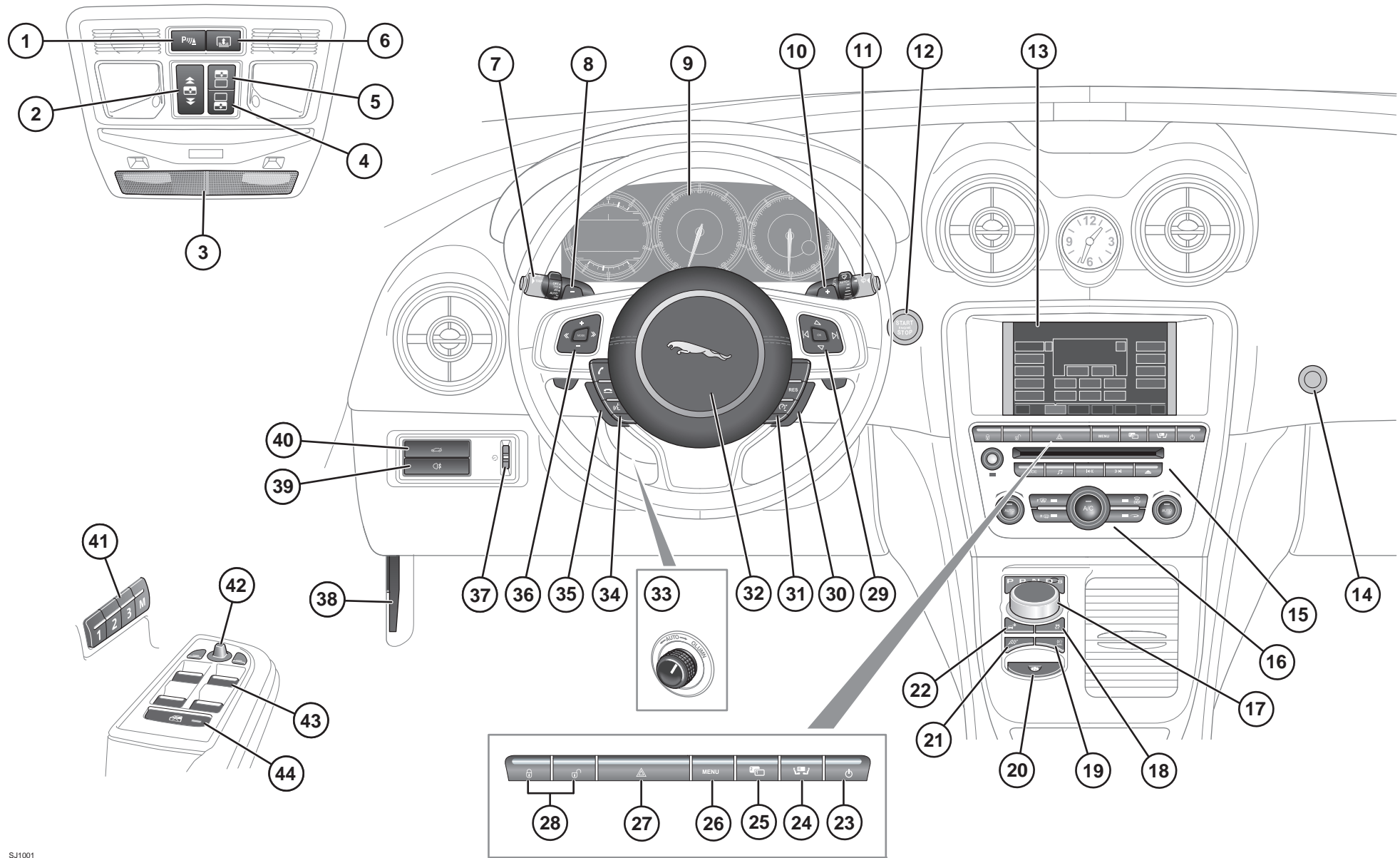
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Controls overview

DRIVER CONTROLS

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2. Sunroof (39).
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4. Front sunroof blind (39).
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31. Cruise control switches (86).
32. Horn/airbag.
33. Steering column adjuster (21).
34. Phone controls (125).
35. Heated steering wheel (21).
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37. Instrument illumination - rotate to adjust.
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40. Luggage compartment release (65).
41. Driving position memory (15).
42. Mirror controls (41).
43. Window controls (39).
44. Rear window/rear sunroof blind isolator (39).



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