



OWNER'S HANDBOOK

Publication Part No. JJM 18 02 34 131

Introduction

CALIFORNIA PROPOSITION 65 WARNING

First Warning Statement:

WARNING

Engine exhaust, some of its constituents, and certain vehicle components contain or emit chemicals known to the State of California to cause cancer, and birth defects or other reproductive harm. In addition, certain fluids contained in vehicles and certain products of component wear contain or emit chemicals known to the State of California to cause cancer, and birth defects or other reproductive harm.

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.

The vehicle options, hardware and software, are designed for the North American market. If the vehicle is registered or used in another geographical area, it may need modifications to suit local requirements. Jaguar Cars is not responsible for the cost of any modifications. Warranty conditions may be affected.

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



This safety alert symbol precedes any safety message about a risk of personal injury. It will also have one of the following signal words.

DANGER

Indicates a hazardous situation which, if not avoided, will result in death or serious injury.

WARNING

Indicates a hazardous situation which, if not avoided, could result in death or serious injury.

CAUTION

Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

NOTICE

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 indicates items that must be disposed of correctly, as they contain harmful substances. Seek advice on disposal from your Dealer/Authorized Repairer and/or your local authority.



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

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REPORTING SAFETY DEFECTS (USA)

If you believe that your vehicle has a defect which could cause a crash or could cause injury or death, you should immediately inform the National Highway Traffic Safety Administration (NHTSA) in addition to notifying Jaguar Land Rover North America, LLC.

If NHTSA receives similar complaints, it may open an investigation, and if it finds that a safety defect exists in a group of vehicles, it may order a recall and remedy campaign.

However, NHTSA cannot become involved in individual problems between you, your dealer or Jaguar Land Rover North America, LLC.

To contact NHTSA, you may call the Vehicle Safety Hotline, toll-free, at 1-888-327-4236 (TTY: 1-800-424-9153); go to <http://www.safercar.gov>; or write to:

Administrator, NHTSA, 1200 New Jersey Avenue, S.E, Washington DC. 20590.

To contact Jaguar Land Rover North America, LLC, call 1-800 4 Jaguar.

You can also obtain other information about motor safety from <http://www.safercar.gov>.

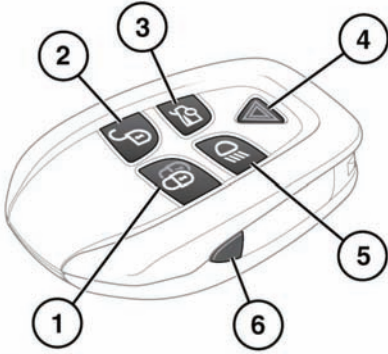
REPORTING SAFETY DEFECTS (CANADA)

If you believe that your vehicle has a defect which could cause a crash or could cause injury or death, you should immediately inform Transport Canada, in addition to notifying Jaguar Land Rover Canada ULC.

To contact Transport Canada, call their toll-free number: 1-800-333-0510.

Entering the vehicle

UNLOCKING THE VEHICLE



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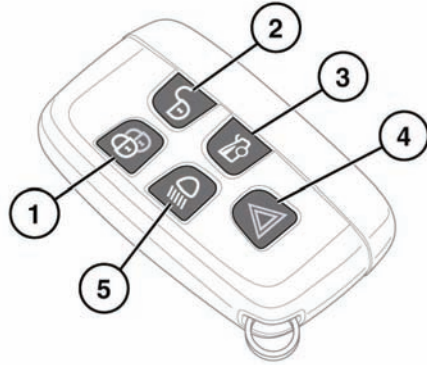
⚠ WARNING

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 2 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. See **13, KEYLESS 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 vehicle touch screen.

3. Press to open the luggage compartment. The vehicle security system will remain active for the period the luggage compartment is open. Door and hood 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 3 seconds, or press 3 times within 3 second to activate the horn, siren and hazard warning lamps.

Entering the vehicle

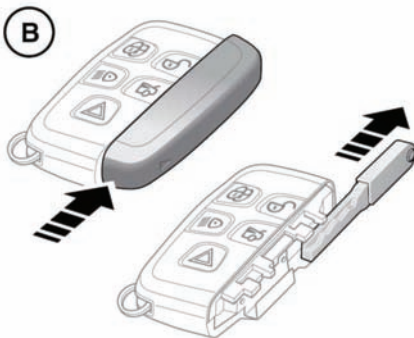
After 5 seconds, the alarm can be cancelled by pressing and holding the panic alarm button for 3 seconds, or by pressing the button 3 times within 3 seconds.

The emergency alarm will also be cancelled if the vehicle detects a valid 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.

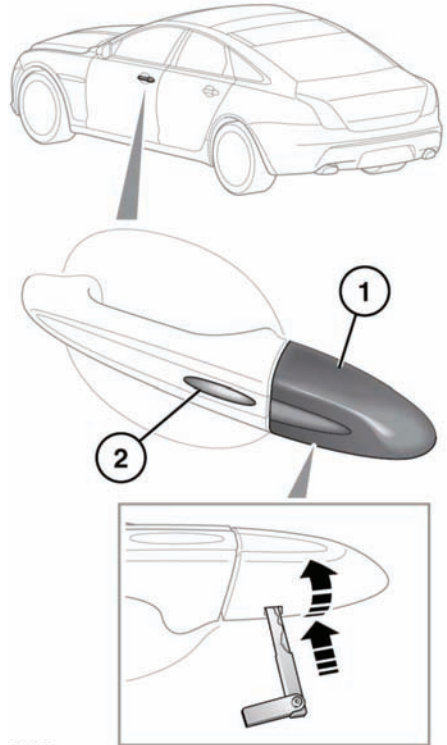
6. Emergency key blade release button.

The vehicle can be unlocked as follows:



E144914

- 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.



E136016

Insert the key blade into the slot in the door lock cover (1).

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

Insert the key blade into the exposed lock to operate.

Entering the vehicle

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 Smart Key or press the engine START/STOP button with the Smart Key inside the vehicle.

For the keyless locking button (2) operation, see **13, KEYLESS LOCKING**.

Replacing the door lock cover:

1. Align the cover to engage the top two clips.
2. Push the bottom of the cover to engage the lower clip.

KEYLESS ENTRY

⚠ WARNING

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

For information concerning the locations of the security system transmitters, see **176, REMOTE KEY FOB TRANSMITTER LOCATIONS**.

NOTICE

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

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

The Smart Key needs only to be on the driver's person; it does not need to be exposed or handled. However, the Smart Key may not be detected if it is placed within a metal container or is shielded by a device with a back-lit LCD screen, such as a smart phone, laptop (including when inside a 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 center. Find the Smart Key and place it against the fascia, below the auxiliary switch pack, see **80, KEYLESS START BACKUP**.

GLOBAL OPENING

Press and hold the unlock button for 3 seconds. The vehicle will unlock and the alarm will be disarmed immediately. After 3 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 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 5 mph (8 km/h). Use of the central locking/unlocking buttons, (see **218, 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 Smart Key or keyless entry, the vehicle's electrical system initiates the convenience mode. The following systems become functional:

- Seat and steering column adjustment.
- Interior and exterior lighting.
- Message center.
- Auxiliary power socket.

REMOTE KEY FOB CARE

⚠ WARNING

To prevent unauthorized operation, never leave the Smart Key unattended 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 keep it in a safe place, but not in the vehicle.

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

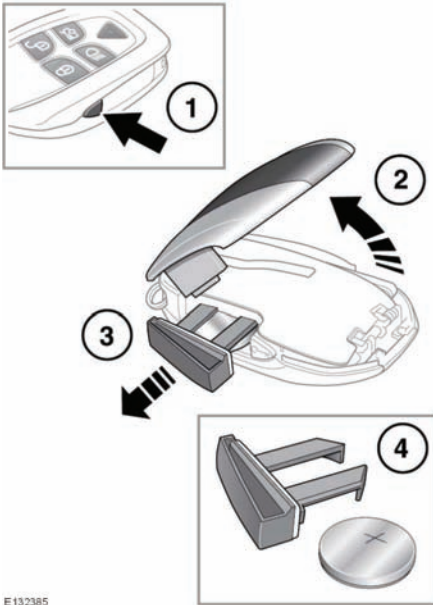
Note: The radio frequency used by the Smart Key may be used by other devices (e.g. medical equipment). This may prevent the Smart Key from operating correctly.

REMOTE KEY FOB BATTERY REPLACEMENT

Note: There are 2 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 replacing, there will be a significant decrease in the effective range and the message **SMART KEY BATTERY LOW** is displayed in the message center.

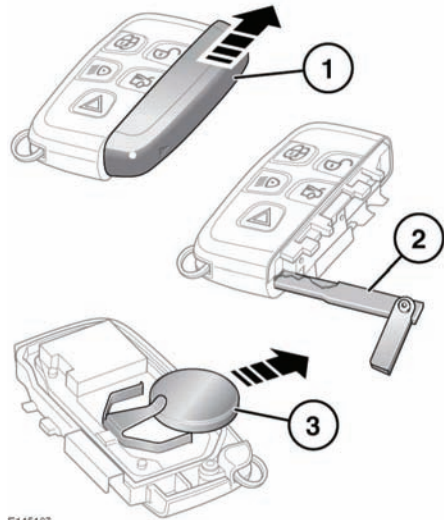
Entering the vehicle



E132385

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.
5. Fit a new CR2032 type battery (available from your Dealer/Authorized Repairer), with the positive (+) side upwards.
6. Replace the battery drawer and close the Smart Key.



E145467

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/Authorized 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.

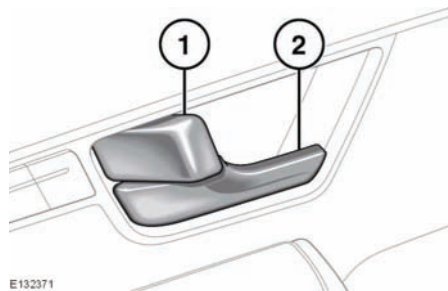


Battery disposal: Used batteries must be disposed of correctly, as they contain harmful substances. Seek advice on disposal from your Dealer/Authorized Repairer and/or your local authority.

DOOR LOCKS AND RELEASE LEVERS

⚠ WARNING

Park (P) should be engaged and the parking brake applied when the vehicle is stationary. The vehicle can move unexpectedly with any other gear position selected, which may result in death or serious injury.



E192371

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 the door is locked, the first pull of the lever will unlock the door and the second pull will open it.

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

LOCK CONFIRMATION

If you are uncertain whether the vehicle is locked and armed, press the lock button again. The hazard warning lights will flash to indicate and confirm the current lock status.

MISLOCK

If one of the doors, the hood or the luggage compartment are not shut fully when the vehicle is locked using the Smart Key or by Keyless locking, the vehicle will not lock and 2 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 Smart Key, 2 warning tones will sound and one or more of the doors may not be locked.

GLOBAL CLOSING

⚠ WARNING

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 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

The vehicle will not lock automatically.

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

Note: Keyless locking will only activate if all doors, hood and luggage compartment are closed and the Smart Key is outside the vehicle. If the above conditions are not met, 2 audible error warnings will sound.

Exiting the vehicle

PERIMETER ALARM

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

DEACTIVATING THE ALARM WHEN TRIGGERED

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

- Press the unlock button on the Smart Key.
- Open a door using keyless entry.
- Press the START/STOP button with a valid Smart Key present.

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.*

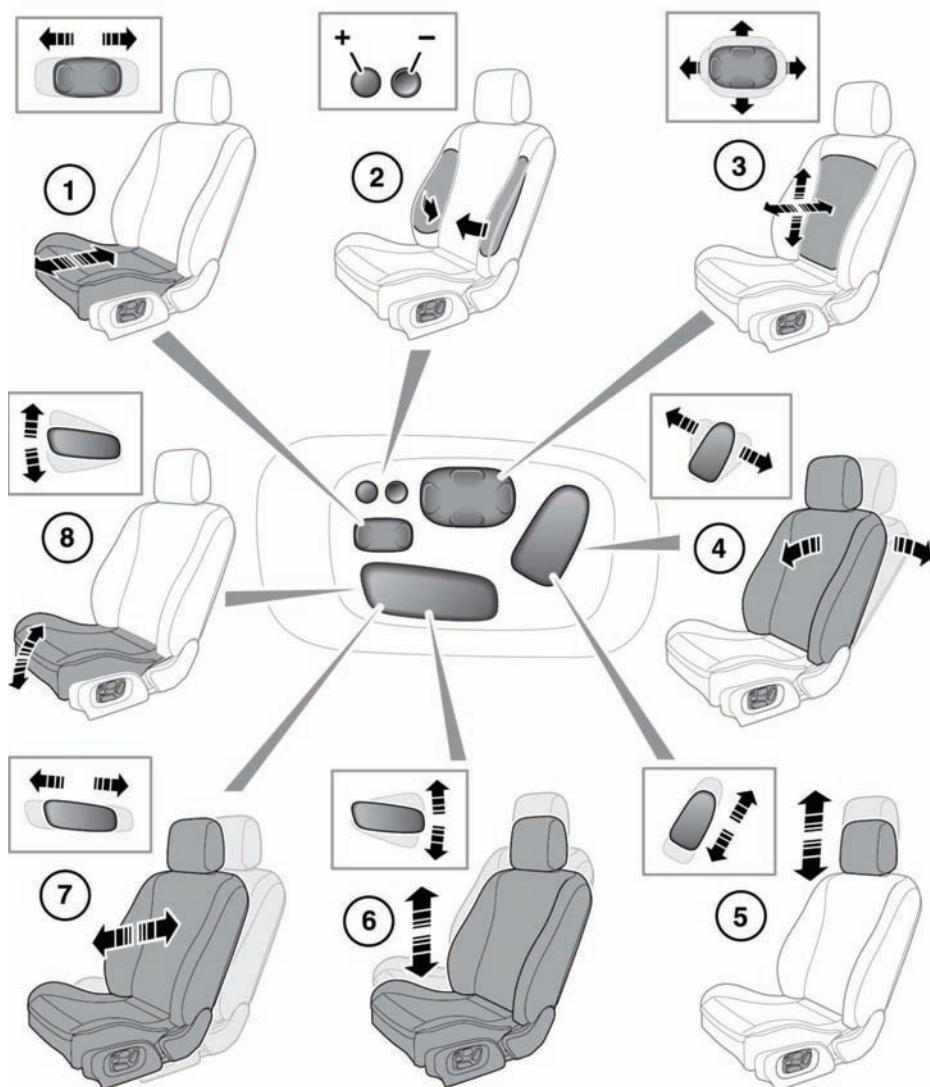


Automatic relocking and re-arming can be enabled/disabled by your Dealer/Authorized Repairer.

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/Authorized Repairer for rectification.

ELECTRIC SEATS



E132387

Front seats

⚠WARNING

Do not adjust the seat while the vehicle is moving. Doing so could cause loss of vehicle control and personal injury.

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 Smart Key must be in the vehicle and the ignition turned on.

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.

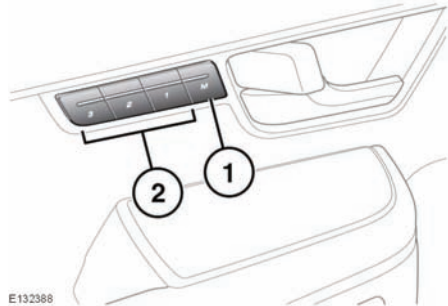
PASSENGER SEAT AWAY



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 (see **23, ADJUSTING THE STEERING WHEEL**) and exterior mirrors (see **51, EXTERIOR MIRRORS**) the vehicle can memorize these settings using the driver memory buttons.

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

1. Press the memory set button to activate the memory function.
2. Press one of the preset buttons within 5 seconds to memorize the current settings. For the driver's settings, **MEMORY 1 (2 or 3) SETTINGS SAVED** will be displayed on the message center accompanied by an audible chime to confirm the settings have been memorized.

A seat position can only be memorized during the 5 second period.

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

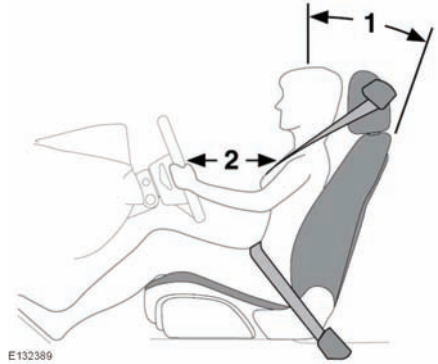
RECALLING A MEMORIZED POSITION

⚠WARNING

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

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

SITTING IN THE CORRECT POSITION



⚠WARNING

Riding with a reclined seatback increases your chance of serious or fatal injuries in the event of a collision or sudden stop. The protection of your restraint system (seat belts and airbags) is greatly reduced by reclining your seat. Seat belts must be snug against your hips and chest to work properly. The more the seatback is reclined, the greater the chance that an occupant's neck will strike the shoulder belt. Drivers and passengers should always sit well back in their seats, properly belted, and with the seatback upright.

⚠WARNING

Never adjust the driver's seat while the vehicle is moving. Any sudden or unexpected movement of the seat could cause loss of control of the vehicle resulting in an accident.

The seat, head restraint, seat belt and air bags, work together as a system to enhance occupant protection. Correct use of these components will give you greater protection,

Front seats

therefore you should observe the following points:

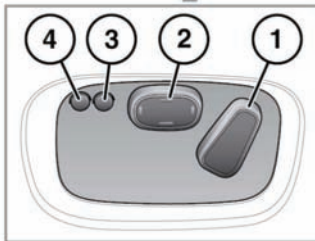
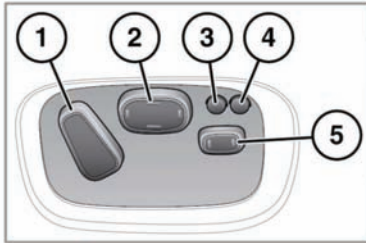
1. To achieve optimum benefit of the seat belt in the event of an accident. Sit in an upright position with the base of your spine as far back as possible and the seat back reclined no more than 30 degrees.
 2. Do not move the driver's seat too close to the steering wheel. A minimum distance of 10 inches (254 mm) is recommended between the breastbone and the steering wheel air bag 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 center line of the head.
 - Position the seat belt so that it crosses your chest, 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.

WARNING

Do not sit or lean unnecessarily close to the air bag. An inflating air bag can cause serious injury or even death. Always fasten your seat belt properly and position the seat so that you can sit as far back as possible from the air bag and still comfortably reach all controls.

ELECTRIC SEATS

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



E134119

1. Seat back angle adjustment.
2. Lumbar support adjustment.
3. Massage OFF.
4. Massage ON, operates for 10 minutes or until switched off.

5. Front passenger seat away, fore or aft adjustment.

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

REAR SEAT SAFETY

⚠ WARNING

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. Failure to do so could result in serious injury or death in the event of a collision.

Head restraints

FRONT HEAD RESTRAINTS

⚠ WARNING

Head restraints are designed to support the head, not the back of the neck. The head restraint must be positioned correctly to restrain rearward movement of the head in the collision.

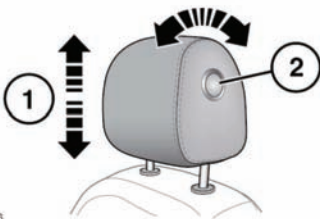
⚠ WARNING

While stationary, adjust the head restraint so that the top of the head restraint is above the center line of the head. An incorrectly adjusted head restraint increases the risk of death or serious injury in the event of a collision.

⚠ WARNING

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.

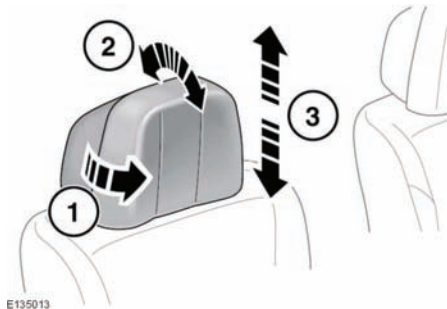
ELECTRIC FRONT HEAD RESTRAINTS



E135416

1. To adjust the height of the head restraint, see **15, 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 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.

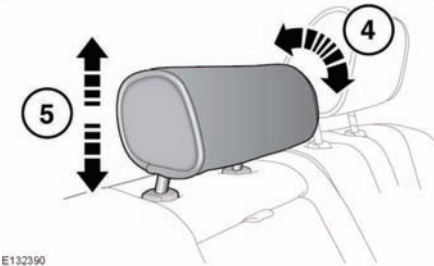
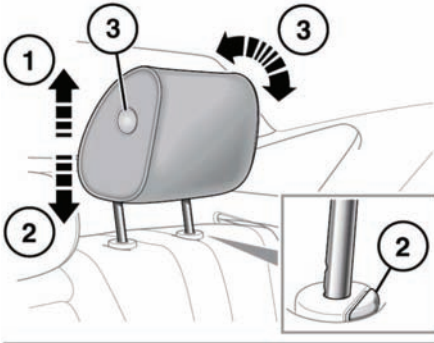
3. To adjust the height of the head restraint, see **15, ELECTRIC SEATS**

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

REAR HEAD RESTRAINTS

⚠ WARNING

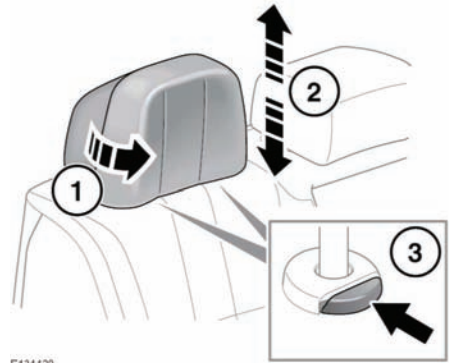
It is possible to swivel the head restraint forwards or backwards. For greater protection in the event of a collision, the head restraint should be adjusted so that it is as close to the back of the head as is practical.



E132390

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

Note: Do not use the locking collars to raise or lower the center head restraint. The locking collars are only used to remove the center head restraint.



E134120

1. Pull the wing heads forward 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 collars at the same time.

REAR HEAD RESTRAINT REMOVAL

⚠ WARNING

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.

⚠ WARNING

Always store a removed head restraint securely. In the event of an accident, an unsecured object can cause serious injury or death.

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

1. Raise the head restraint to its uppermost position.

Head restraints

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.*

To refit the head restraint, ensure it is facing in the correct direction, insert the stems of the head restraint into the sockets and push it downwards until at least the first click.

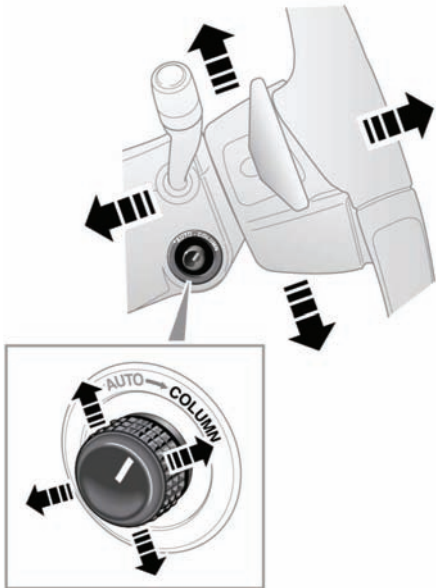
ADJUSTING THE STEERING WHEEL

⚠️ WARNING

Never adjust the steering wheel while the vehicle is moving. Doing so may result in loss of control of the vehicle, potentially resulting in an accident.

⚠️ CAUTION

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.



E134339

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 **16, 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.

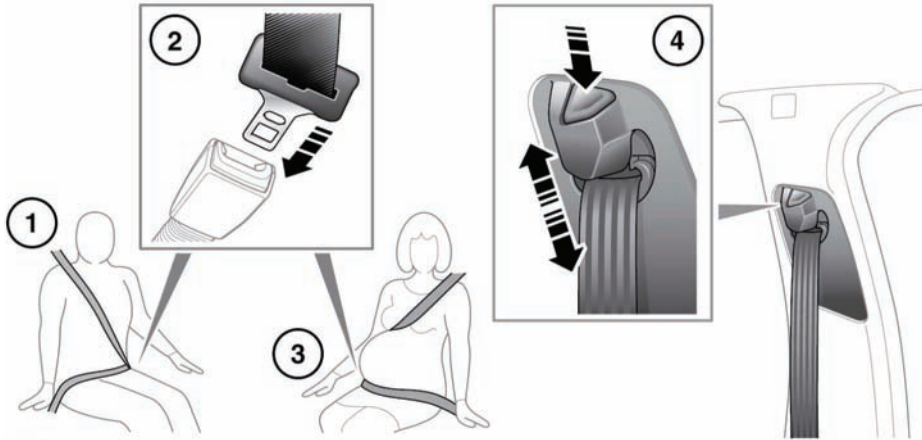
HEATED STEERING WHEEL



To activate the heated steering wheel, press the switch, see **218, DRIVER CONTROLS**. Press again to turn off.

Seat belts

USING THE SEAT BELTS



E142530

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

⚠️ WARNING

Seat belts should be worn by all vehicle occupants, for every journey, no matter how short. Failure to do so will greatly increase the risk of serious injury or death in the event of an accident.

⚠️ WARNING

Seat belts are designed to bear upon the bony structure of the body, and should be worn low across the front of the pelvis, chest and shoulders, as applicable; wearing the lap section of the belt across the abdominal area must be avoided. Never wear the seat belt as just a lap belt.

⚠️ WARNING

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.

⚠️ WARNING

Belts should not be worn with the straps twisted.

⚠️ WARNING

Each belt assembly must only be used by one occupant. Never let children share a seat or seat belt.

⚠️ WARNING

Riding with a reclined seatback increases your chance of serious or fatal injuries in the event of a collision or sudden stop. The protection of your restraint system (seat belts and airbags) is greatly reduced by reclining your seat. Seat belts must be snug against your hips and chest to work properly. The more the seatback is reclined, the greater the chance that an occupant's neck will strike the shoulder belt. Drivers and passengers should always sit well back in their seats, properly belted, and with the seatback upright.

⚠️WARNING

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

2. 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.

⚠️WARNING

The air bag Supplementary Restraint System (SRS) is designed to add to the overall effectiveness of the seat belts. It does not replace them. Seat belts must always be worn.

3. **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, as illustrated.

⚠️WARNING

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

⚠️WARNING

Ensure that the seat belt is not slack or twisted.

⚠️WARNING

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

4. 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.

⚠️WARNING

Ensure that the height is correctly adjusted and the mechanism is locked in place before driving. Do not attempt to adjust the seat belt height once the vehicle is in motion. Doing so may cause you to lose control of the vehicle or incorrectly adjust the seat belt.

⚠️WARNING

Do not use comfort clips or devices that create slack in the seat belt system.

⚠️WARNING

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. A slack seat belt offers a greatly reduced level of occupant protection in an impact and could result in serious injury or death.

Seat belts

SEAT BELT LOCKING MECHANISM

The front passenger and rear seat belts have a locking mechanism which improves the retention of child seats.

The procedure to install a child seat is as follows:

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

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

SEAT BELT CARE

⚠️ WARNING

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. Damage to the seat belt can greatly reduce its effectiveness in reducing the risk of serious injury or death in the event of an accident.

⚠️ WARNING

The belt should be replaced if webbing becomes frayed, contaminated or damaged. Damage to the seat belt can greatly reduce its effectiveness in reducing the risk of serious injury or death in the event of an accident.

⚠️ WARNING

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. Damage to the seat belt can reduce its effectiveness in reducing the risk of serious injury or death in the event of an accident.

⚠️ WARNING

Do not carry hard, fragile, or sharp items between your person and the seat belt. In an impact, the pressure on such items can cause them to break, which in turn may cause serious injury or death in the event of an accident.

⚠️ WARNING

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. Damage to the seat belt can reduce its effectiveness in reducing the risk of serious injury or death in the event of an accident.

⚠️ WARNING

Do not use comfort clips or devices that create slack in the seat belt system.

SEAT BELT CHECKS

Note: If the vehicle is parked on an incline, the seat belt mechanism may lock. This is not a fault and the belt should be gently eased out from the upper anchorage.

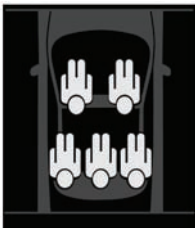
The seat belts should be inspected regularly to check for fraying, cuts or wear to the webbing, and the condition and security of the mechanism, buckles, adjusters, and mounting points.

- 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/Authorized Repairer.

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

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

- No color - seat belt not fastened.
- Green - seat belt fastened.
- Red - driver's or occupied passenger's seat belt is not fastened or is unfastened while the vehicle is moving forwards.

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 while the vehicle is moving forwards.
- 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.

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

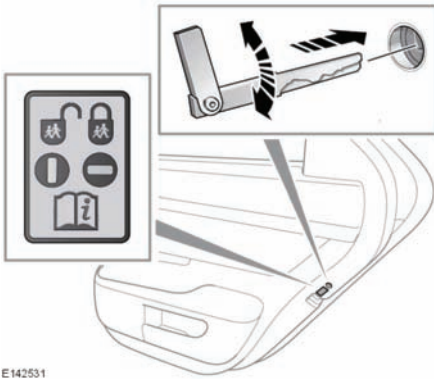
SEAT BELT PRE-TENSIONERS

The seat belt pre-tensioners activate in conjunction with the Supplementary Restraint System (SRS) to provide additional protection in the event of a severe frontal impact. They automatically reduce any slack in a seat belt to reduce forward movement of a front seat occupant.

⚠ WARNING

The seat belt pre-tensioners will activate only once and then must be replaced. Failure to replace them will reduce the effectiveness of the SRS in reducing the risk of serious injury or death in the event of an accident.

CHILD SAFETY LOCKS



E142531

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:

1. Open the door to access the child safety lock.
2. Insert the emergency key (see 8, **UNLOCKING THE VEHICLE**) into the slot and rotate a quarter of a turn, to enable or disable the interior door handle, as required.

CHILD SEATS

⚠ WARNING

According to crash statistics, children are safer when properly restrained in the rear seats than in the front seats. Even with advanced air bags, children can be seriously injured or killed. Never place a child in any type of child restraint or booster seat in the front passenger seat. Children under the age of 13 should always ride in the rear.

⚠ DANGER

Make sure the child seat fits your child properly. Always check the seat manufacturer's instructions and labels for height and weight limits. For more specific guidance, consult your pediatrician.

There are three general types of child restraint systems: Infant seats, toddler seats, and belt-positioning booster seats.

Infants: until at least 1 year of age and at least 20 lbs (9 kg).

Toddlers: until about age 4 and about 40 lbs (18 kg).

Boosters: belt-positioning booster until about age 8 or at least 4 ft 9 inches (145 cm) and seat belt fits properly.

⚠ DANGER

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. At all times, children should be restrained in age and size appropriate child seats to reduce the risk of injury in a crash.

Child safety

⚠ WARNING

Children could be endangered in a crash if their child restraints are not properly secured in the vehicle. Always follow the instructions that accompany the child seat carefully.

Child restraint systems are designed to be secured in vehicle seats by use of the lap belts or the lap belt portion of a lap-shoulder belt. Children could be endangered in a crash if their child restraints are not properly secured in the vehicle.

The seat belts fitted to your vehicle are designed for adults and larger children. It is very important for all infants and children under 13 years of age to be restrained in a suitable child safety seat appropriate to their age and size.



E79258

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 air bag is fitted and operational.

If it is essential that a child travels in the front passenger seat, 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.

⚠ WARNING

Extreme hazard! Never place a rearward facing child restraint on the front passenger seat. The infant could be seriously injured or killed if the air bag deploys.

CHILD RESTRAINT CHECK LIST

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

Non-LATCH child restraints

- Carefully follow the instructions provided by the manufacturer of the restraint system.
- Always use the appropriate child restraints and adjust harnesses for every child, every trip.
- Make sure that a child falls into the correct weight range for the seat. Avoid dressing a child in bulky clothing and do not place any objects between the child and the restraint system.
- Regularly check the fit of a child seat and replace seats or harnesses that show signs of wear.
- Ensure that you have removed all slack from the adult seat belt.
- No child seat is completely child-proof. Encourage a child not to play with the buckle or harness.
- Never leave a child unsupervised in the vehicle.
- Activate the rear door child safety locks. See 29, **CHILD SAFETY LOCKS**.

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

LATCH child restraints

- Always attach the top tether when installing the LATCH seat.
- Carefully follow the instructions supplied with the child seat. Always give the LATCH seat a final pull, to ensure that the lower anchors are secure.
- Always use the appropriate child restraints and adjust the harnesses for every child, every trip.
- Make sure that a child falls into the correct weight range for the seat. Avoid dressing a child in bulky clothing and do not place any objects between the child and the restraint system.
- Regularly check the fit of a child seat and replace seats and harnesses that show signs of wear.
- No child seat is completely child-proof. Encourage children not to play with the buckle or harness.
- Never leave a child unsupervised in the vehicle.
- Activate the rear door child safety locks. See **29, CHILD SAFETY LOCKS**.
- Set a good example - always wear your seat belt.

Note: *The legislation which governs how and where children should be carried when traveling in a vehicle, is subject to change. It is the responsibility of the driver to comply with all regulations in force.*

CHILD SEAT POSITIONING

PROPER CHILD SAFETY SEAT USE CHART			
Buckle Everyone. Children Age 12 and Under in Back.			
	INFANTS	TODDLER	YOUNG CHILDREN
WEIGHT	Birth to at least 1 year old and at least 20 lb. (9 kg).	Over 1 year and over 20 lb. (9 kg) to about 4 years and 40 lb (18 kg) or child reaches highest weight or height allowed by child seat manufacturer.	Children who have outgrown their forward-facing toddler seat until vehicle seat belts fit properly, usually when a child is at least 4 ft 9 ins (145 cm) tall and 8 years old.
TYPE of SEAT	Rear-facing infant seat or convertible seat.	Convertible seat or forward-facing toddler seat.	Belt positioning booster seat.
SEAT POSITION	Rear-facing only.	Forward-facing.	Forward-facing.
ALWAYS MAKE SURE	Harness straps should be at or below shoulder level.	Harness straps should be at or above shoulder level.	Use booster seat with vehicle's lap and shoulder belt. Keep lap portion low and tight across the pelvis and upper thigh area to avoid abdominal injuries. Keep shoulder portion snug crossing the chest and shoulder. Never across the neck or face and never let a child place the shoulder belt behind their back.
CHILDREN RIDE IN REAR	Even with advanced air bags, children can be seriously injured or killed. Never place a child in any type of child restraint or booster seat in the front passenger seat. Children under the age of 13 should always ride in the back seat.		

When installing a child seat in the rear, the front seat must be moved forward and upwards to install any rear-facing child seat. Care must be taken not to load any part of the child seat when repositioning the front seat. The space available for front seat occupants will be reduced by the fitment of any rearward-facing child seat.

WARNING

Crash statistics show that children are safest when properly restrained in a child or infant restraint system that is secured in a rear seating position.

LATCH CHILD RESTRAINT ANCHOR POINTS

⚠WARNING

Do not attempt to fit a LATCH child restraint to the center rear seating position. The anchor bars are not designed to hold a LATCH child restraint in this position. The effectiveness of the restraint will be greatly reduced in the event of an accident.

⚠WARNING

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

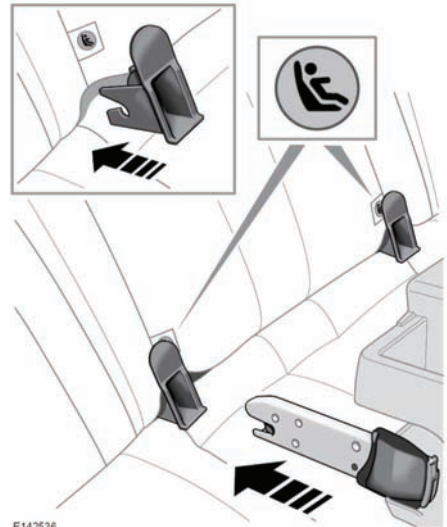
⚠WARNING

Child restraint anchorages are designed to withstand only 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. Doing so will greatly increase the risk of serious injury or death in the event of an accident.

⚠WARNING

If removing a head restraint in order to fit a child restraint, always secure the head restraint when storing it. In the event of an accident, unrestrained objects can potentially become deadly missiles.

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



E142536

To install a LATCH child seat:

1. Raise the head restraint on the relevant seat.
2. Locate the lower anchor bars which are accessible through the gap between the seat back and seat base. For child seats fitted with rigid lower LATCH connectors, insert the protective guides supplied with the child seat as shown.
3. For child seats fitted with **rigid** lower LATCH connectors, slide the child seat locking mechanism into the protective sleeves and onto the anchor bars. For child seats fitted with **non-rigid** LATCH connectors, connect the lower tether strap hooks to the anchor bars and tighten the straps.

Child safety

4. 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.

INSTALLING TETHER ANCHORAGE CHILD RESTRAINTS

⚠ WARNING

Child restraint anchorages are designed to withstand only those loads imposed by correctly fitted child restraints. Under no circumstances are they to be used for adult seat belts, harnesses or for attaching other equipment or items to the vehicle. Doing so can greatly increase the risk of serious injury or death in the event of an accident.

⚠ WARNING

Always follow the child seat or restraint system manufacturer's instructions when fitting tether straps. Failure to do so can greatly reduce the effectiveness of the child seat or restraint system in the event of an accident.

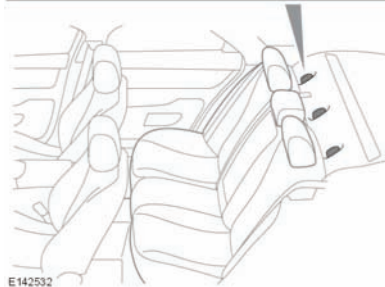
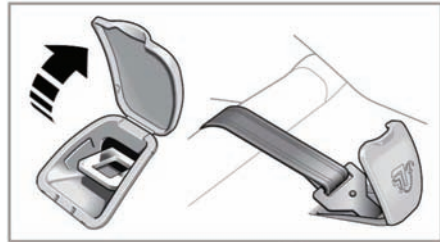
⚠ WARNING

If a child seat or restraint system is to be fitted in the center seating position, the center armrest must be in the stowed position (folded into the seat). It is impossible to secure the child seat or restraint system correctly with the armrest in place, which reduces the effectiveness of the restraint in the event of an accident.

⚠ WARNING

Do not attempt to fit a LATCH child restraint to the center rear seating position. The anchor bars are not designed to hold a LATCH child restraint in this position. Install only using seat belts (non-LATCH system) and the top tether at this position.

Your vehicle is equipped with tether anchorage points behind the rear seat head restraints. These should be used to attach straps from child seats or restraint systems.



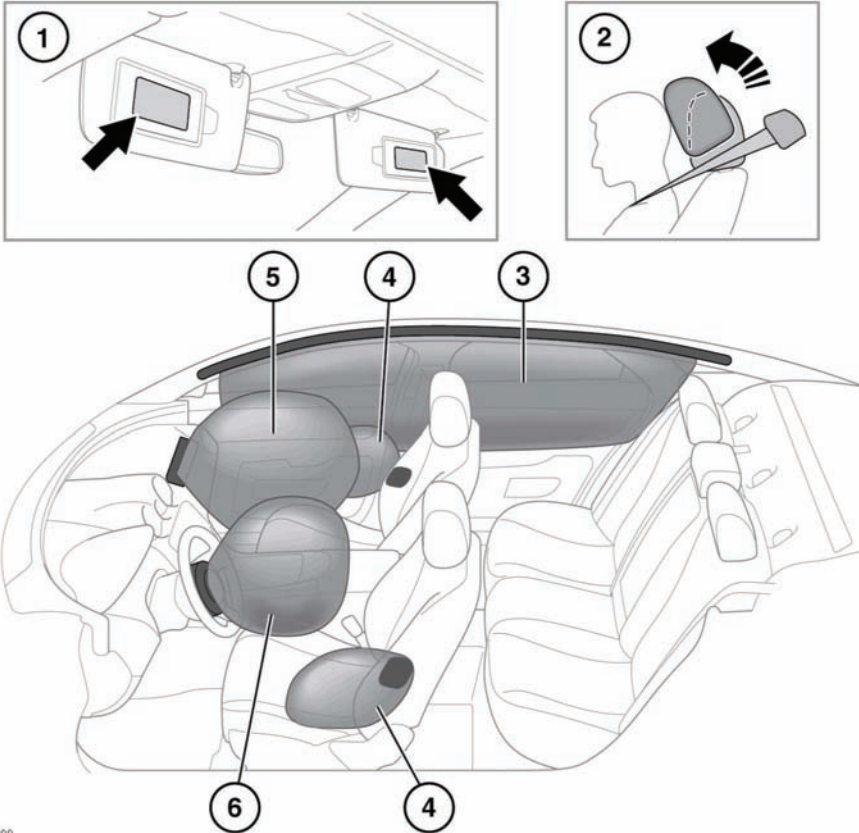
1. Install the child restraint securely in one of the rear seating positions.
2. Pass the tether strap over the seat back and beneath the head restraint.
3. Attach the tether strap hook to the tether anchor point on the back of the seat. Ensure that the tether strap hook is facing the correct way (see graphic).
4. Tighten the tether strap according to the child restraint manufacturer's instructions.

BOOSTER SEATS

In a situation where a child is too large to fit into a child safety seat (child is over 20 lbs or 7.5 kg), but is still too small to safely fit the three point belt properly (under 4 feet 9 inches or 145 cm), a booster seat is recommended for maximum safety. Follow the manufacturer's instructions for fitting and use, then adjust the seat belt to suit.

Air bags

AIR BAGS AND ACTIVE HEAD RESTRAINTS



E132399

1. Air bag warning information is printed on the driver and passenger sun visors.
2. Both front seats are equipped with Active Head Restraints (AHR) which may 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 automatically resets and does not need to be replaced.
3. The curtain air bags may deflate at a slower rate than the front or side air bags, to afford prolonged protection.
4. Seat mounted side air bags.
5. Front passenger air bag.
6. Driver's air bag.

Note: The general location of air bags fitted to the vehicle are marked by the words AIR BAG.

⚠WARNING

High speed impacts may cause serious injury or death irrespective of safety features fitted to a vehicle. Always drive with caution and consideration for the vehicle's characteristics, road and weather conditions, and do not exceed any speed limits in force.

⚠WARNING

Seat belts must be worn at all times, by the driver and passengers in all seating positions. The air bag Supplementary Restraint Systems (SRS) cannot provide protection in some types of impact. Under these circumstances, the only protection will be provided by a correctly worn seat belt.

FRONT AIR BAGS

The front passenger and driver air bags are able to deploy in 2 stages, depending on the severity of the frontal impact. In a severe impact, the air bags inflate fully to offer maximum protection. In a lesser impact, full deployment is not required, so the air bags are partially inflated.

SIDE AND CURTAIN AIR BAGS

The seat mounted side air bags are designed to protect the thorax region of the torso and will deploy only in the event of a side impact and then, only on the side of the impact.

The curtain air bags are deployed in side impact and rollover events, providing greater protection from serious head injuries. They deflate at a slower rate than the front or side air bags.

AIR BAG OPERATION**⚠WARNING**

For the air bags 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/Authorized Repairer as soon as possible for examination and repair.

⚠WARNING

Air bags inflate at high speeds. To minimize 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.

⚠WARNING

Air bag 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.

⚠WARNING

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/Authorized Repairer.

Air bag 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.
- Air bag modules.

Air bags

- Seat belt pre-tensioners (front seat belts).
- Air bag diagnostic control unit.
- Crash sensors.
- Air bag wiring harnesses.
- Seat occupancy sensor.

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 air bags to deploy.

AIR BAG OBSTRUCTION

WARNING

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 air bags.

WARNING

Do not use non-approved seat covers/accessory seat covers that have not been designed for use with air bags. If in doubt, consult your Dealer/Authorized Repairer.

WARNING

Do not obstruct the operation of the air bags by placing any part of your person or any objects in contact with, or close to, an air bag module. If the air bag inflates, objects or any part of your person could interfere with the inflation of the air bag or be propelled inside the vehicle, causing injury to the occupants.

Do not allow passengers to obstruct the operation of the air bags by placing feet,

knees, or any other part of the body, or any other objects in contact with, or in close proximity to, an air bag module.

Do not place objects between the air bag module and the seat occupant.

WARNING

Do not attach or position items on, or close to, the roof lining, front seat backrests or air bag covers which could interfere with the inflation of the air bag or be propelled inside the vehicle causing injury to the occupants.

WARNING

For the curtain air bags to deploy correctly, the roof lining and A-post trim must be undamaged and fitted correctly. Any damage or suspect fitting should be referred to a Dealer/Authorized Repairer for examination as a matter of urgency.

Air bags cannot deploy correctly if they are obstructed. Examples of obstructions are:-

- Any parts of an occupant's body in contact with, or close to, an air bag cover.
- Objects placed on, or close to, an air bag cover.
- Clothing, sun screens or other material hanging from grab handles.
- Clothing, cushions or other material covering seat mounted air bags.
- Seat covers which are not approved by Jaguar or specifically designed for use with seat mounted air bags.

This list is not exhaustive. It remains the responsibility of the occupants to ensure that the air bags are not obstructed in any way.

Note: Any unauthorized modification of the vehicle or parts may invalidate the vehicle warranty.

Note: Curtain air bags will not inflate as a result of frontal or rear impacts alone.

AIR BAG DEPLOYMENT EFFECTS

⚠️ WARNING

When an air bag 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. This powder can cause breathing difficulties for asthma sufferers or people with other respiratory problems. If this occurs, get out of the vehicle as soon as it is safe to do so or get fresh air by opening a window. If breathing problems persist, seek medical attention.

⚠️ WARNING

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

After inflation, the front and seat mounted air bags deflate immediately. This provides a gradual cushioning effect for the occupants and also ensures that the driver's forward vision is not obscured.

AIR BAG WARNING LAMP



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

⚠️ WARNING

Even with advanced air bags, children can be seriously injured or killed. Never place a child in any type of child restraint or booster seat in the front passenger seat. Children under the age of 13 should always ride in the rear.

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

- The warning lamp fails to illuminate when the starter switch is initially switched on.
- The warning lamp fails to extinguish within six seconds of the starter switch being switched on.
- The warning lamp illuminates at any time other than as previously described.

OCCUPANT SENSING

A weight sensor is included in the front passenger seat.

The occupancy weight sensor operates as follows:

Front passenger seat occupancy status	Front passenger air bag status	Indicator active
Completely empty	Deactivated	No*
Low weight object/occupant	Deactivated	Yes**
Heavy object/occupant	Activated	No

* It is possible to receive an intermittent indicator illumination with an empty seat. This is part of the system's adaptive behaviour and does not affect the status of the front passenger air bags. However, if the indicator becomes permanently illuminated when the seat is empty and the seat belt is unbuckled, contact your Dealer/Authorized Repairer immediately.

Air bags

** In some cases, a small child placed in a child seat may not activate the deactivation indicator. If this occurs, the front passenger air bag status will be as described for an empty seat.

The front passenger air bag is designed to provide supplementary protection to full sized adult occupants that are correctly seated and belted.

⚠ WARNING

Even with advanced air bags, children can be seriously injured or killed. Never place a child in any type of child restraint or booster seat in the front passenger seat. Children under the age of 13 should always ride in the rear.

Deployment of the front passenger air bag is not always beneficial for small/lower weight occupants and could be harmful to children/infants in restraint systems. Jaguar vehicles are fitted with a sensing system (conforming to FMVSS 208) that automatically detects when deployment of the front passenger air bag would be unnecessary or potentially harmful. If the seat is occupied by a lower weight adult and air bag deployment is judged by the system to be unnecessary, the passenger air bag will be deactivated and the **PASS. AIR BAG OFF** symbol on the overhead console will be illuminated. An occupant weighing approximately 100 lbs (45.4 kg) is classified as a lower weight occupant, although, at this weight, with occupant movements and vehicle motion, the air bag activation/deactivation should be expected to switch states occasionally. This is not necessarily indicative of a system fault.

AIR BAG SERVICE INFORMATION

⚠ WARNING

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, either of which may result in serious injury or death.

⚠ WARNING

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.

For your safety, all of the following operations should only be carried out by a Dealer, 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.**

Always contact your Dealer/Authorized Repairer if:

- An air bag inflates.
- The front or sides of the vehicle are damaged.
- Any part of the SRS shows signs of cracking or damage, including trim covering air bags.

DISABILITY MODIFICATIONS

⚠️ WARNING

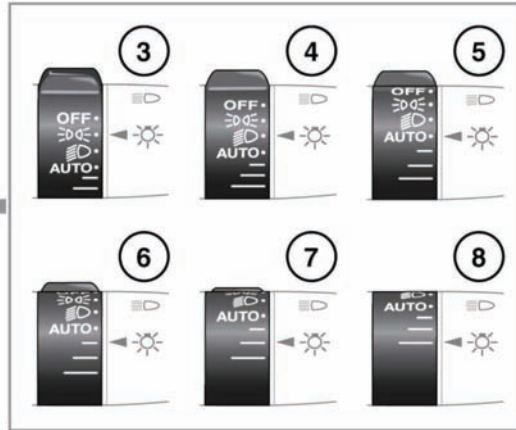
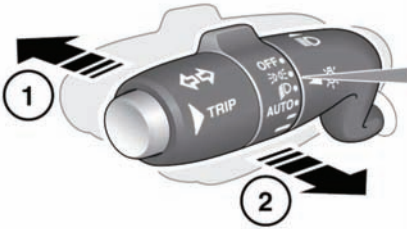
Occupants with disabilities that may require the vehicle to be modified must contact a Jaguar Dealer/Authorized Repairer before any modifications are made. Modifications may adversely affect the vehicle which can lead to loss of control, resulting in a crash.

(USA only) If you are considering modifying your vehicle in any way to accommodate a disability, for example by altering or adapting the driver's or passenger's seat(s) or air bag system, please contact:

Jaguar Land Rover North America LLC
Customer Relations Center
555 MacArthur Blvd
Mahwah
New Jersey 07430-2327
1-800-637-6837, option #9.

Exterior lights

LIGHTING CONTROL



E132401

1. With the headlamps on, push the switch away from the steering wheel to switch to high beam. The blue warning lamp on the instrument panel will illuminate.
Note: Do not use high beam where it may distract other road users.
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 lamps.
4. Low beam.
5. **AUTO:** When ambient light fades the side lamps 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 is turned off.

Press the headlamp button on the 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.

DAYTIME RUNNING LAMPS

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

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



Daylight running lamps can be enabled/disabled by your Dealer/Authorized Repairer.

APPROACH LAMPS

The headlamps can be illuminated remotely for a programed length of time, by pressing the headlamp button on the Smart Key. See **8, 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 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.

Cornering lamps: At speeds up to 25 mph (40 km/h), 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.

WINDSHIELD WIPER DETECTION

This function only operates when **AUTO** is selected. The side lamps, tail lamps and headlamps will switch on automatically if the windshield wipers are switched on for 20 seconds or more. Once the windshield wipers are switched off, the side lamps and headlamps will automatically switch off 2 minutes later.

HIGH BEAM ASSIST

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

This function is only active if the lighting switch 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: *High beam assist 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 High beam assist, 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 High beam assist will be cancelled. To return to High beam assist, push the stalk to the high beam position, and then return it to the central position.



When High beam assist is enabled, the system indicator will illuminate.

Note: *Ensure that the sensor in the rear view mirror is not blocked or obstructed. Also the following may affect the operation of High beam assist.*

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

Exterior lights

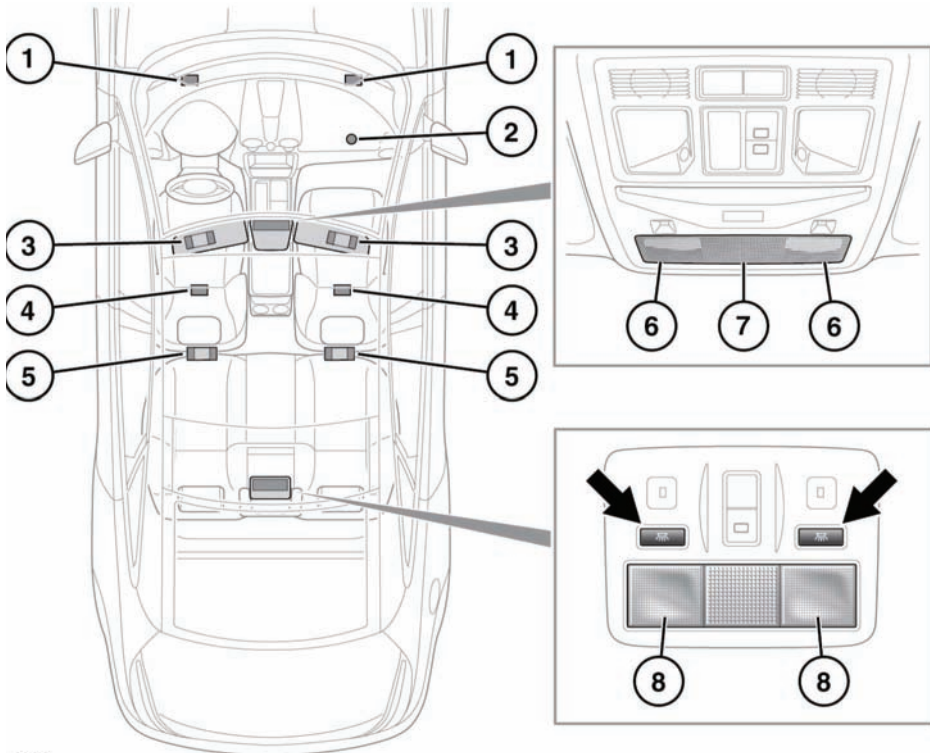
To turn off High beam assist, turn the rotary control from **AUTO** to headlamps on.

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

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



E142558

1. Front seat foot-well illumination.
2. Glove box lamp.
3. Vanity mirror lamps.
4. Rear seat foot-well illumination.
5. Rear vanity mirror lamps (long wheelbase vehicles only).
6. Front reading lamps: Touch the lens briefly to switch on/off or for 2 seconds (approx.) to switch automatic illumination of the rear interior lamps on/off.
7. Front interior courtesy lamp: Illuminates when the doors are unlocked and extinguishes 20 seconds after all doors are

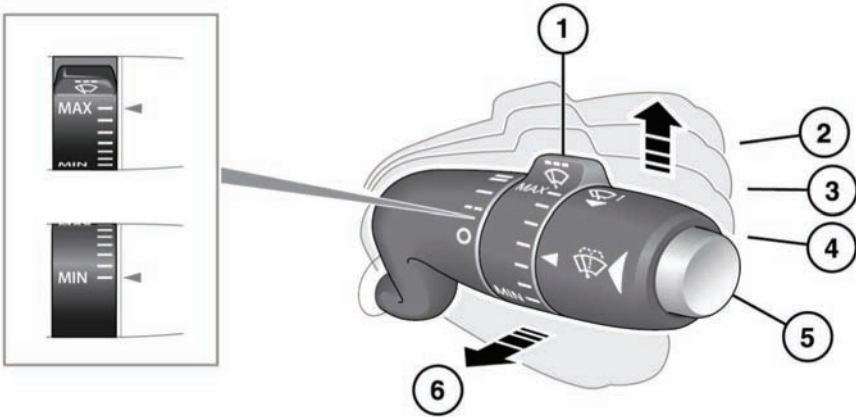
closed or when the vehicle is locked.

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

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

Wipers and washers

WIPER OPERATION



E192404

1. Rotate control to adjust sensitivity.
 - MAX: Maximum sensitivity.
 - MIN: Minimum sensitivity.
2. Fast speed wipe.
3. Normal speed wipe.
4. Rain sensor activated wipe.
5. Windshield washer button.
6. Single wipe.

NOTICE

Do not operate the wipers on a dry windshield.

NOTICE

In freezing or very hot conditions, ensure that the wipers have not stuck to the windshield before operating.

NOTICE

Remove any snow, ice or frost from the windshield, 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 1.2 mph (2 km/h) with the wipers operating, the wiper frequency automatically reduces. The wipers will switch to the next lowest speed. When vehicle speed increases to over 5 mph (8 km/h), the original wiper speed settings are restored.

RAIN SENSOR

NOTICE

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 windshield and automatically activates the windshield 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.

WINDSHIELD WASHERS

WARNING

Some windshield wash products are flammable; do not allow windshield wash to come into contact with sources of ignition.

NOTICE

Only windshield wash 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 5 normal speed wipes, followed by a drip wipe (if configured). The washers will operate during the first 2 wipes.

If the washers are operated with the wipers operating at normal or fast speed, the washer jets will operate for 2 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 3 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/Authorized Repairer.

DRIP WIPE

If the drip wipe function is configured, the wipers will operate 4 seconds after a wash/wipe cycle has finished, to clear any remaining drips from the windshield.



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

HEADLAMP WASHERS

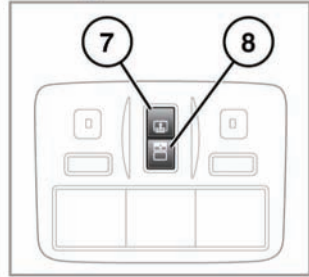
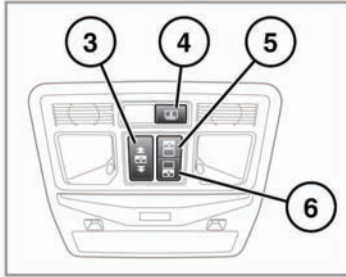
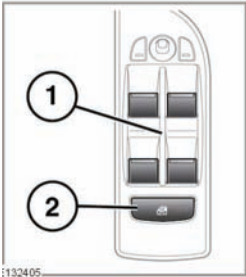
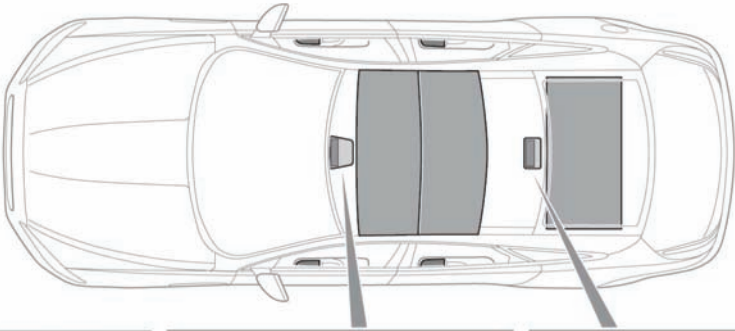
Headlamp power wash operates automatically with the windshield wash, and will only operate if the headlamps are switched on and there is sufficient washer fluid in the reservoir.

Headlamp wash operates with every fourth operation of the windshield washers, provided that 10 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.*

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

ELECTRIC WINDOWS



1. Window switches.

The front and rear windows will operate for 5 minutes after the engine is switched off, as long as none of the doors are opened.

NOTICE

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

2. Rear window/rear sunroof blind isolator.

WARNING

If children are carried in the rear seats, the isolator switch should be used to prevent operation of the windows. If the windows are operated by children, there is a risk of serious injury or death.

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.*

NOTICE

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 glass 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.
7. Rear glass sun 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 2.5 - 3 inches (65 - 75 mm) 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

⚠ WARNING

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

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 while 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 160, WINDOW RESET.*

SUNROOF ANTI-TRAP MECHANISM

⚠ WARNING

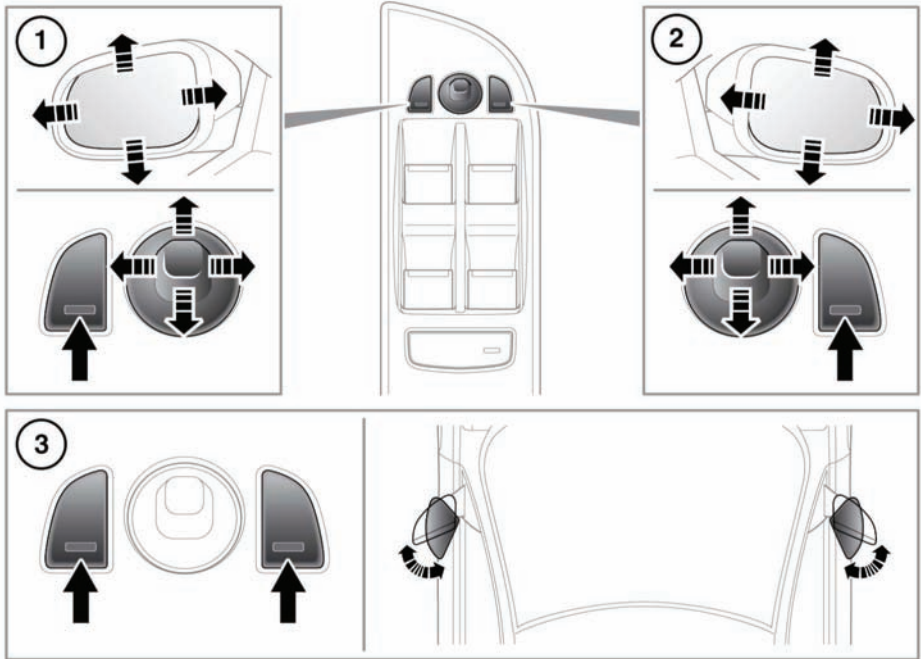
Before closing the sunroof, ensure that no occupants have any part of their body in a position where it could be trapped. Even with an anti-trap system death or serious injury could occur.

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.

Windows

If the sunroof fails to operate correctly, it may need to be reset. See **160, 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 70 mph (110 km/h).

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.

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

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

Note: Up to 3 different exterior mirror positions can be stored and recalled using the driving position memory feature. See 16, **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.

Mirrors

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 7.5 mph (12 km/h) 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, see **63**, **INSTRUMENT PANEL MENU**.

BLIND SPOT MONITOR

⚠️ WARNING

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. The system may not function under all speeds, weather and road conditions.

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. Drive safely at all times and use the exterior and rear view mirrors to avoid accidents.

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.

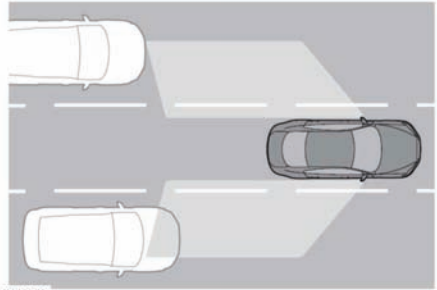
⚠️ WARNING

The driver should not assume that the BSM will correct errors of judgement in driving.

⚠️ CAUTION

Do not attach stickers or objects to the rear bumpers, that may interfere with the radar sensors.

***Note:** Ensure that the warning indicators in the exterior mirrors are not obscured by stickers or other objects.*



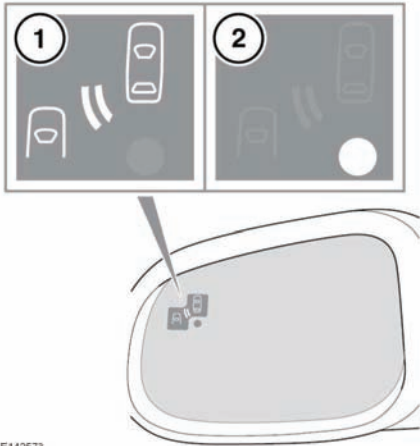
The Blind Spot Monitor (BSM) system monitors a zone that covers the area adjacent to the vehicle, that is not easily visible by the driver and is designed to identify any object overtaking the vehicle.

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 traveling in the opposite direction, etc.

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

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

Blind spot monitoring



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.

Note: The system covers an area of a fixed lane width. If the lanes are narrower than a typical highway 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 10 mph (16 km/h) 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 10 mph (16 km/h).

BSM can be turned off in the **Vehicle Settings** area of the instrument panel menu. See **63, INSTRUMENT PANEL MENU**.

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 traveling below 10 mph (16 km/h). Under these conditions, an amber warning indicator within the exterior mirror is displayed.

BSM SENSORS

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 **BLIND SPOT MONITOR SENSOR BLOCKED** appears in the message center.

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

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

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 **BLIND SPOT MONITOR NOT AVAILABLE** is displayed in the message center.

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/Authorized Repairer.

RADIO FREQUENCY SPECTRUM REGULATION STATEMENTS

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.

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

Canada

This device complies with Industry Canada Standard 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.

Frequency of operation: 24.05GHz - 24.25GHz.

Field strength: Not greater than 2.5V/m peak (0.25V/m average) at a distance of 3 metres.

Garage door opener

GARAGE DOOR TRANSCIVER

⚠ CAUTION

Do not use the transceiver with any garage door opener that lacks the safety stop and reverse feature as required by safety standards.

⚠ CAUTION

When programming the transceiver to a garage door opener or entry gate, ensure the area is clear. This will prevent potential personal injury or vehicle damage as the gate or garage door will activate during the programming.

NOTICE

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 3 different transmitters, which can be used to activate 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 also equally applies to the previously mentioned applications.

In some countries, this feature is also known as the HomeLink® Universal Transceiver. The transceiver radio frequency approval numbers for the USA and Canada are shown below:

USA and Puerto Rico - FCC: K8597R315.

Canada - CAN: 2145 101 790A.

For further information, see **58, INFORMATION AND ASSISTANCE.**

BEFORE PROGRAMING

NOTICE

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.

PROGRAMING



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 2 to 6 inches (50 to 150 mm) 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 programing.

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.
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 activate 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 2 seconds and then turns to a continuous light, proceed with the following programming instructions for **rolling code** device equipment.

TO ERASE ALL PROGRAMING

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

1. Ensure that the ignition system is in **convenience mode** (see 11, **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 PROGRAMING

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 2 seconds and release.
4. Repeat the press, hold, release sequence 3 times to complete the programming process.

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

REPROGRAMING A SINGLE GARAGE DOOR OPENER BUTTON

To program a device to a previously trained 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 2 to 6 inches (50 to 150 mm) away from the transceiver in the rear-view mirror, keeping the indicator lamp in view.
3. Carry out Step 3 of **Programming**.

Garage door opener

ENTRY GATE/CANADIAN PROGRAMMING

The technology of some entry gates requires you to press and re-press (cycle) the hand-held transmitter button every 2 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

NOTICE

For security purposes, it is recommended that all programmed transceiver buttons are erased before the vehicle is sold or disposed of.

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

If you would like additional information on the Homelink Universal Transceiver, compatible products or to purchase other accessories, contact your Dealer/Authorized Repairer or you can also contact the Homelink helpline on:

1-800-355-3515 or on the internet at:

www.homelink.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 unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.*

WARNING LAMPS AND INDICATORS

RED warning lamps are for primary warnings. A primary warning must be investigated immediately by the driver or qualified assistance before continuing.

AMBER and YELLOW 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.

GREEN and BLUE lamps within the instrument panel indicate system status.

LAMP CHECK

A bulb check is initiated for some warning lamps when the ignition is switched on and lasts for 3 seconds (except for the air bag warning lamp which remains illuminated until the engine is started). If any warning lamp remains on after this period, investigate the cause before driving.

Some warning lamps have associated messages, displayed in the message center.

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 center.

GENERAL WARNING/INFORMATION MESSAGE (AMBER)



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

ENGINE TEMPERATURE (RED)



Illuminates when the engine temperature is too high. The message center will also display the message ENGINE OVERHEATING.

Stop the vehicle as soon as safety permits and seek qualified assistance before continuing.

ENGINE/TRANSMISSION (AMBER)



Illuminates briefly as a bulb check when the ignition is switched on. If the lamp illuminates when the engine is running, there is an emissions related fault with the engine or transmission. The vehicle can be driven but may enter limp-home mode with the possibility of reduced performance. Seek qualified assistance as soon as possible.

If the warning lamp flashes while the engine is running, reduce speed and seek qualified assistance urgently.

BRAKE (RED)

⚠ WARNING

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. Driving with low brake fluid can cause increased braking distance or brake failure and can result in a collision.



USA.



Canada.

Warning lamps

Illuminates briefly as a bulb check when the ignition is switched on. If the lamp illuminates while driving, suspect low brake fluid level or a fault with the Electronic Brake Distribution (EBD) system.

Stop the vehicle as soon as safety permits and check and top-up the brake fluid, if necessary. If the lamp remains illuminated, seek qualified assistance before continuing.

ANTI-LOCK BRAKING SYSTEM (ABS) (AMBER)

⚠ WARNING

If the ABS and brake warning lamps are illuminated at the same time, do not drive the vehicle until the fault is rectified as the brake system may not be functioning correctly. This may, in turn, lead to loss of control causing an accident. Seek qualified assistance immediately.



USA.



Canada.

Illuminates briefly as a bulb check when the ignition is switched on.

If the lamp remains on or illuminates while driving, there is a fault with the ABS system. Drive with care, avoiding heavy brake application and seek qualified assistance urgently.

PARKING BRAKE (RED)



USA.



Canada.

Illuminates when the parking brake is correctly applied. If the lamp flashes, a fault has been detected. Seek qualified assistance urgently.

SEAT BELT (RED)



Illuminates, accompanied by a chime, when the vehicle is in motion and an occupied front seat belt is unbuckled. The lamp will extinguish when the relevant seat belt is buckled.

Note: *Objects on the front passenger seat may activate the seat belt reminder. It is recommended that any objects placed on the front passenger seat are secured using the seat belt. See 24, USING THE SEAT BELTS.*

AIR BAG (AMBER)



Illuminates as a bulb check when the ignition is switched on and extinguishes when the engine is started.

If the lamp illuminates when driving, there is a fault with the air bag system. Seek qualified assistance as soon as possible.

DYNAMIC STABILITY CONTROL (DSC) (AMBER)



Illuminates briefly as a bulb check when the ignition is switched on.

If the lamp flashes while driving, the DSC system is active.

A fault with the DSC system is indicated by the warning lamp illuminating and an associated warning message. The vehicle can still be driven, but without DSC assistance. Seek qualified assistance as soon as possible.

DYNAMIC STABILITY CONTROL (DSC) OFF (AMBER)



Illuminates when DSC is switched off.

If TracDSC is selected, the warning lamp will also illuminate and the message **TracDSC** is displayed for 4 seconds.

CRUISE CONTROL (GREEN)



Illuminates when cruise control or Adaptive cruise control is active.

FOLLOW MODE (AMBER)



Illuminates when the Adaptive cruise control system is in follow mode.

FORWARD ALERT (GREEN)



Illuminates when Forward alert is active.

AUTOMATIC SPEED LIMITER (AMBER)



Illuminates when Automatic Speed Limiter is active.

TIRE PRESSURE MONITORING SYSTEM (YELLOW)



The warning lamp illuminates, accompanied by a message in the message center, to warn that one or more tires are significantly under-inflated. Stop the vehicle as soon as possible, check the tire pressures and inflate to the recommended pressure.

The lamp will flash to indicate a system fault.

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.

INTELLIGENT STOP/START (GREEN)



Illuminates when the engine is shut down by the Intelligent Stop/Start system.

Note: Other warnings normally associated with an engine shutdown, for example the ignition warning lamp, do not illuminate during an engine shutdown by the Intelligent Stop/Start system.

SIDE LAMPS (GREEN)



Illuminates when the side lights are switched on.

TURN SIGNALS (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.

HIGH BEAM (BLUE)



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

HIGH BEAM ASSIST (GREEN)



Illuminates when the high beam assist feature has switched on the high beams.

Warning lamps

REAR FOG LAMP (AMBER)



Illuminates when the rear fog lamps are switched on.

EXTERNAL TEMPERATURE (AMBER)



Illuminates when the external temperature is low enough that ice may be present on the road.

AUDIBLE WARNINGS AND INDICATORS

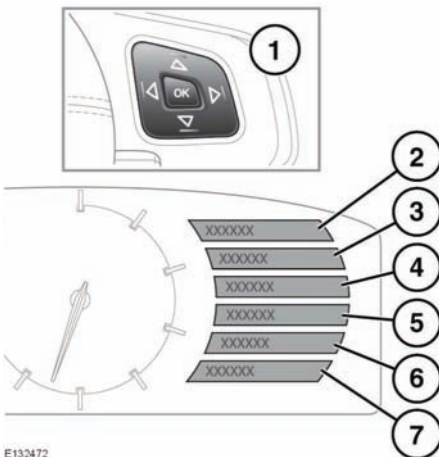
Hazard or Condition	Chime or tone/remedy
External lamps remain on when the driver's door is opened.	A chime will sound until the lamps are switched off or driver's door is closed (unless the lighting control is in AUTO position).
Hazard warning indicators on.	A ticking will sound until the hazard indicators 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 while 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 9 mph (15 km/h) above the ASL set limit speed.	A short warning chime. Reduce speed.
Entry delay warning (European markets only).	Intermittent slow, low pitched chime. Disarm vehicle.
The Smart Key cannot be detected.	A chime will sound. Hold the Smart Key close to the auxiliary switch pack. See 8, UNLOCKING THE VEHICLE .
DSC OFF	A chime will sound.

INSTRUMENT PANEL MENU

⚠ WARNING

Do not allow any vehicle system, including the interactive controls, to distract the driver while the vehicle is moving. Driver distraction can lead to accidents causing serious injury or death.

A number of vehicle features and display settings may be configured via the instrument panel menu.



To display and navigate through the instrument panel menu, operate the menu control on the steering wheel.

1. Steering wheel menu 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.
- Press the right arrow to view a sub-list.
- Press the left arrow to return to the previous menu.
- Press the **OK** button to select the highlighted item from a list.

2. Close and return to Main Menu.
3. Access the vehicle **Driving Features** menu.
4. Access the **Vehicle Set-up** menu.
5. Access the **Trip Computer** menu.
6. Access the **Display Settings** menu.
7. Access the vehicle **Service Menu** (only available with the ignition on and the engine running).

WARNING AND INFORMATION MESSAGES

⚠ WARNING

Do not ignore warning messages. Take appropriate action and, when necessary, seek qualified assistance before driving the vehicle. Failure to do so could result in failure of vehicle systems potentially causing loss of control and an accident.

⚠ WARNING

If the message is suppressed, an amber or red warning icon will remain illuminated until the cause of the message is rectified.

For information regarding the individual messages, their meanings, and any action required, please refer to the relevant section within this handbook.

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

Note: Messages are displayed in order of importance, with critical warning messages being the highest priority.

E192472

Instrument panel

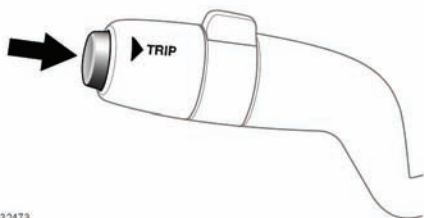
Warning messages may be accompanied by an audible warning, and the message text may have the handbook symbol next to it. Warning messages are displayed until the condition causing the fault is rectified or the message is suppressed using the **OK** button on the steering wheel. If the message is suppressed, a warning icon will remain illuminated until the cause of the message is rectified.

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.

There are 3 trip memories available, A, B and Auto. You can specify which trip memory is viewable using the cluster menu.

USING THE TRIP COMPUTER



E132473

A short press (1 second or less) or a series of short presses of the **TRIP** button will change the trip computer display. The options available are:

- Odometer.
- Trip distance.
- Trip average speed.
- Trip average fuel consumption.
- Instantaneous (short term average) fuel consumption.
- Range available from remaining fuel.

- Blank display.

To reset the trip computer values to zero, press and hold the **TRIP** button for 2 seconds.

To reset the fuel consumption value, press and hold the **TRIP** button until the display clears.

The distance, average speed and average fuel economy values for trip A and trip B can be reset. Set the trip computer display to show the trip that you wish to reset, then press and hold the **TRIP** button until the message **resetting trip** is displayed.

It is not possible to manually reset the Auto trip memory. This resets automatically each time the ignition is switched on.

Trips may be added together, to record a continuous journey, or removed. Press the **TRIP** button for longer than 1 second, when Auto trip memory values for distance, average speed and average fuel economy are displayed, then **adding last journey** or **removing last journey** will appear on the screen. Press the **TRIP** button for longer than 1 second, and the previous trip information will be added to or removed from the current trip and the new total will be displayed. There is no limit to the number of times this can be done before the ignition is switched off.

TRIP DISTANCE

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

RANGE

This shows the predicted distance (miles or kilometers) that the vehicle should travel on the remaining fuel, assuming fuel consumption stays constant.

IMPERIAL/METRIC/MIXED DISPLAY

The trip computer readings can be changed between metric, imperial and mixed units in the Trip Computer menu of the message center. See **63, INSTRUMENT PANEL MENU**.

***Note:** Temperature display can be changed between °F (Fahrenheit) and °C (Celsius) independently of Imperial or Metric units.*

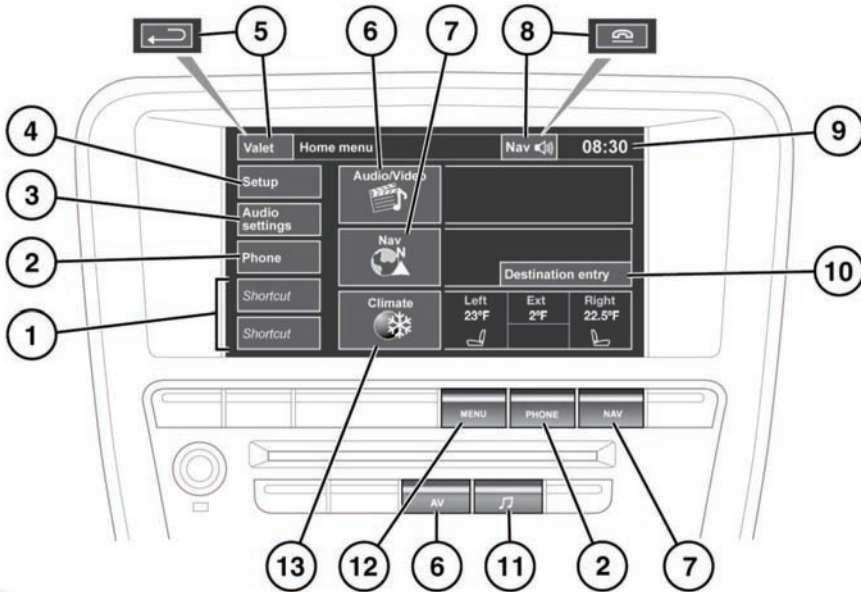
SERVICE INTERVAL INDICATOR

An upcoming service interval will be notified to the driver via the message center, as either a distance or time left until service is due. Once the distance or time are exceeded, the display will show a negative value (-) to indicate that a service is overdue.

One or both types of service interval (distance and time) may be displayed.

Touch screen

TOUCH SCREEN HOME MENU



E142099

⚠ WARNING

Do not adjust the touch screen controls, or allow the system to distract the driver, while the vehicle is moving. Driver distraction can lead to accidents, causing serious injury or death.

NOTICE

Always run the engine during prolonged use of the touch screen. Prolonged use will cause the battery to discharge.

NOTICE

Do not use excessive pressure when selecting items on the touch screen.

NOTICE

Avoid spilling or splashing liquids onto the touch screen.

1. Touch to select Home menu shortcuts. See **67, TOUCH SCREEN SETUP**.

2. Touch or press to select the **Phone** menu.
3. Touch to select the **Audio settings** menu.
4. Touch to select the touch screen **Setup** menu.
5. Touch to select **Valet** mode. During menu mode, the icon is changed to the back soft key, touch to return to the previous screen displayed.
6. Touch or press to select the **Audio/Video** menu. See **107, AUDIO/VIDEO CONTROLS**.
7. Touch or press to select the **Navigation** menu. Current set destination is displayed. See **141, MAIN MENU**.
8. While navigation is operating, touch to repeat the last given navigation instruction. During a phone call, the icon is changed. Touch to end the call.

9. Touch to adjust time/date.
10. Touch for shortcut to the **Destination** entry menu. See **143, SETTING A DESTINATION**.
11. Press to select the **Audio settings** menu.
12. Press to select the **Home** menu.
13. Touch to select the **Climate** menu. See **70, FRONT CLIMATE CONTROL**.

TOUCH SCREEN USE

⚠ WARNING

Do not adjust the touch screen controls, or allow the system to distract the driver, while the vehicle is moving. Driver distraction can lead to accidents, causing injury or death.

NOTICE

Always run the engine during prolonged use of the touch screen. Prolonged use will cause the battery to discharge.

NOTICE

Avoid spilling or splashing liquids onto the touch screen.

The buttons on the center 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 require only light pressure to function. Do not use excessive pressure.

TOUCH SCREEN CARE

NOTICE

Do not use abrasive cleaners to clean the touch screen. For approved screen cleaners, contact your Dealer/Authorized Repairer.

TOUCH SCREEN SETUP

- Select **Set-up** from the **Home** menu.

The setup screen is divided into categories:

- **Screen**
- **System**

- **Voice**
- **Audio**
- **Trip computer**
- **Security/Vehicle**

SCREEN SETTINGS

- **Volume pop-up:** Display Volume pop-up on/off.
- **Screensaver:** Change screensaver.
- **Screen animations:** Turn animated transitions between screens on/off.
Note: While screen animations are on, system response time will be slower than normal.
- **Time out home:** Sub menu selection screens can be set to revert to the **Home** menu after a predetermined length of time.
- **Theme:** Changes appearance of the touch screen soft keys.

SYSTEM SETTINGS

- **Button feedback:** Select to turn the soft key confirmation tone on/off.
- **Clock adjust:** Select 12 or 24 hour clock. Set current time. Select **Date** to change the date, or to alter the date format. Select **Set**, to store new settings.
Note: The clock can also be adjusted from the touch screen time display.
- **Home menu shortcuts:** Select up to 2 items from the displayed list to appear as shortcuts on the **Home menu**. Select **Clear** to deselect highlighted items.
- **Language:** Select the required language. Select **Male** or **Female** voice. Touch **Change** to select alternatives for Voice and text displays. Follow the on-screen instructions to confirm.

Touch screen

Note: Some languages are not yet available for both System display text and Voice control. In this event, it will be necessary to select a separate language for Voice control.

- **Volume presets:** Adjust volume for the available systems (announcements, parking aid, phone, voice etc.).

VOICE SETTINGS

- **Command list:** View the categories and the acceptable voice commands.

Select an **Information** button to view alternative function commands.

- **Voicetags:** View the categories. Select a category to manage the voicetags for the chosen system. See **130, VOICETAGS**.
- **Operating guide:** View brief Voice system instructions. Select **Voice tutorial** for more detailed instructions (cancel via the displayed pop-up or by pressing and holding the voice button).
- **Preferences:** Select to alter the following settings:
 - **Voice profile:** The voice system can be trained to have a greater recognition of a particular voice or accent. The default setting is **Standard**. To build a voice profile for either **User 1** or **User 2**, it is necessary to complete a training program first.
To complete the training for the first time, select either **User 1** or **User 2** and follow the on-screen and audible instructions.
 - **Voice feedback:** Select **On/Off**.
 - **Feedback volume:** Adjust using the +/- buttons. It is not possible to reduce the volume to zero.

- **Voice training:** Select to access the voice system training program, designed to enable the system to better recognise the vocal characteristics of a user.

Select **User 1** or **User 2** and follow the on-screen and audible instructions. See **130, VOICE TRAINING**.

The training session can be cancelled at any time by touching the on-screen pop-up or by pressing and holding the Voice button on the steering wheel. See **129, USING VOICE CONTROL**.

SELECTING VALET MODE

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

1. From the **Home** menu, select **Valet**.
2. Enter a 4 digit Personal Identification Number (PIN) (personally chosen). On completion, touch the **OK** soft key.
3. 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.
4. **Valet on** is displayed to indicate that the PIN has been accepted. The loadspace and glove box are now securely locked in Valet mode.
5. **Valet mode activated** is displayed to indicate that the PIN has been accepted.

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

Remove and retain the emergency key before giving the Smart Key to an attendant.

Note: *The emergency key can be used to open the luggage compartment, which may deactivate Valet mode.*

DESELECTING VALET MODE

1. When you re-enter the vehicle, select the Valet mode screen.
2. Enter your four digit PIN and touch the **OK** button.

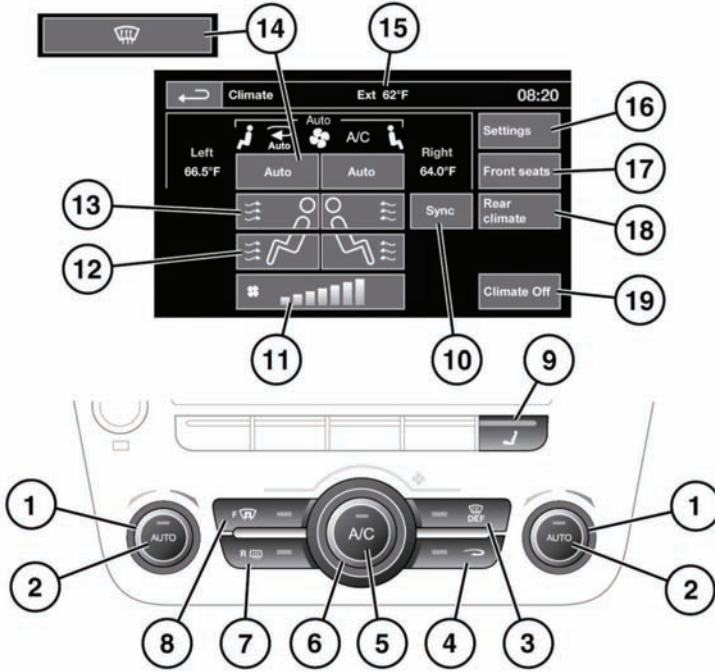
Valet mode deactivated is displayed to indicate that your PIN has been accepted.

- The loadspace will return to the previously set security requirement.
- The touch screen will be enabled.

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

Heating and ventilation

FRONT CLIMATE CONTROL



E142721

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

1. **Temperature control:** Rotate to adjust temperature (59°F - 83°F [16°C - 28°C]). The temperature is displayed on the touch screen.
2. **AUTO control:** Press to switch automatic operation on/off.
Note: 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.
3. **Defrost:** Press to activate the blowers, air-conditioning, windshield and rear glass heaters and prohibit recirculation.

4. **Recirculation:** Selected to recirculate air inside the vehicle.
Press briefly to select **timed** recirculation. Recirculation will switch off automatically after a set time (dependent on the ambient temperature).
Press and hold to select latched recirculation. Recirculation will remain on until the button is pressed again.
Note: Prolonged use at low temperatures may cause the windows to mist.
5. **Air conditioning:** Press to switch on/off. The air conditioning system can be switched on/off independently of the other climate control functions.

6. **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 counter-clockwise to switch the climate system off.
7. **Rear glass heater:** Press to switch on/off. If left on, will deactivate after 21 minutes.
8. **Windshield heater:** Press to switch on/off. If left on, will deactivate after 5 minutes.
9. Press to access the front seat heating, ventilation and massage controls on the touch screen.
10. **Sync:** 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.
11. **Blower speed indicator.**
12. **Air distribution to feet:** Touch to turn on/off.
13. **Air distribution to face:** Touch to turn on/off.
14. **AUTO controls or air distribution to windshield:** Touch to turn on/off.
15. **External temperature display.**
Note: 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.
16. **Settings:** Select to alter the sensitivity of the air quality sensor.
17. **Front seats:** Select to adjust the front seat temperature, ventilation and massage settings.
18. **Rear climate:** Select to view the rear climate control menu. Select the **Back** button to return to the front climate menu.

19. **Climate off:** Select to turn climate control system on/off.

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.

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

AUTOMATIC RECIRCULATION

If an air quality sensor is fitted, the climate control system will monitor exterior air pollution and humidity and select recirculation if either reaches a predetermined level. This feature only operates when the climate control system is in AUTO mode. The sensitivity of the air quality sensor can be set via the touch screen. See **71, AIR QUALITY SENSOR**.

Pressing the recirculation button will deactivate automatic recirculation.

AIR QUALITY SENSOR

The sensitivity of the air quality 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 off air quality sensing, decrease sensitivity to the minimum setting.



The auto recirculation icon appears on the touch screen when the air quality sensor is switched on.

Heating and ventilation

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 facia.
- 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.*

Seat heating and ventilation is controlled from the **Home** or **Climate** menus on the touch screen or by the seat menu button.

Heated ventilation:

- Touch the red arrow icon to switch heated ventilation on at maximum (3 red bars).
- Touch the blue arrow icon once or twice to reduce the ventilation setting (2 and 1 red bars).
- Touch the blue arrow a third time to switch off seat ventilation.

Cooled ventilation:

- Touch the blue arrow icon to switch cooled ventilation on at maximum (3 blue bars).
- Touch the red arrow icon once or twice to reduce the ventilation setting (2 and 1 blue bars).
- Touch the red arrow a third time to switch off seat ventilation.

To select backrest ventilation only:

- Select **Settings** from the **Climate** menu.
- Select the appropriate icon for full seat or backrest only ventilation.

SEAT MASSAGE

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

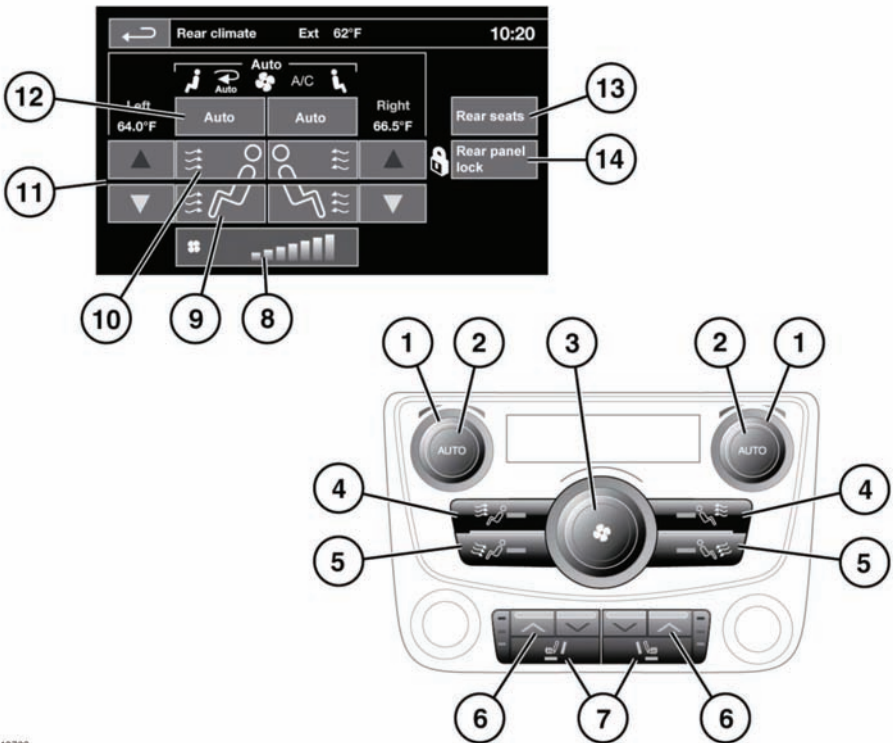
Seat massage may not operate when the vehicle interior temperature is below 32°F or above 122°F (0°C or 50°C respectively).

Seat massage is controlled through the touch screen:

- Either, press the seat menu button on the facia 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.

REAR CLIMATE CONTROL



E142722

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

1. Temperature control: Rotate to adjust temperature (59°F - 83°F [16°C - 28°C]). The temperature is displayed on the touch screen (rear climate menu).
2. AUTO control: Press to switch automatic operation on.
3. Blower speed: Rotate to adjust blower speed.
With blower speed at minimum, rotate the control counter-clockwise to switch the system off. Press **AUTO** to turn on again.

4. Air distribution to face: Press to switch on/off. Switch indicator illuminates when on.
5. Air distribution to feet: Press to switch on/off. Switch indicator illuminates when on.
6. Seat temperature control: Press the red arrow to increase and the blue arrow to decrease temperature. The LEDs illuminate to indicate current setting.
7. Climatic seat zone control: Press to select full seat or backrest only ventilation. The switch indicators illuminate accordingly.
8. Blower speed indicator.

Heating and ventilation

9. Air distribution to feet: Touch to turn on/off.
10. Air distribution to face: Touch to turn on/off.
11. Temperature adjustment: Select the red arrow to increase and the blue arrow to decrease temperature. The temperature setting is displayed above the arrows.
12. **Auto**: Select to switch automatic operation on/off.
13. **Rear seats**: Select to adjust the rear seat temperature and ventilation settings.
14. **Rear panel lock**: Select to disable the rear climate control switches, to prevent the rear passengers from adjusting the rear climate settings. 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.*

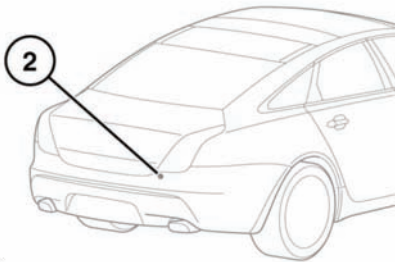
Note: *If the system is in Defrost mode, all rear controls are disabled and no airflow is available to the rear occupants.*

OPENING AND CLOSING THE LUGGAGE COMPARTMENT

NOTICE

If the 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 3 seconds.

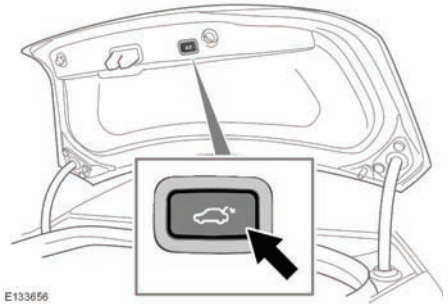
Note: If the Smart Key is inside a metal box, it will not be detected by the vehicle security system.



E142723

The luggage compartment can be opened using the appropriate button on the Smart Key (1) or via keyless entry. It can also be opened using the exterior release (2), 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 218, DRIVER CONTROLS.



E133656

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 while 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 overhead clearance 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 located on the luggage compartment lid.

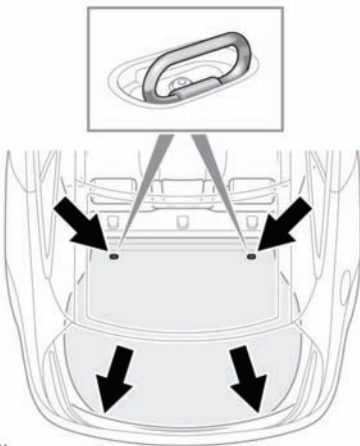
Luggage compartment

- Close the luggage compartment, then open again to check that it opens to the programed 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 ANCHOR POINTS



E132491

⚠WARNING

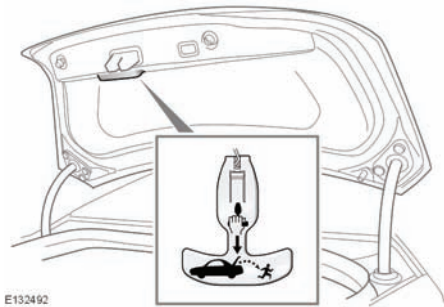
All items carried in the vehicle should be properly secured.

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

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

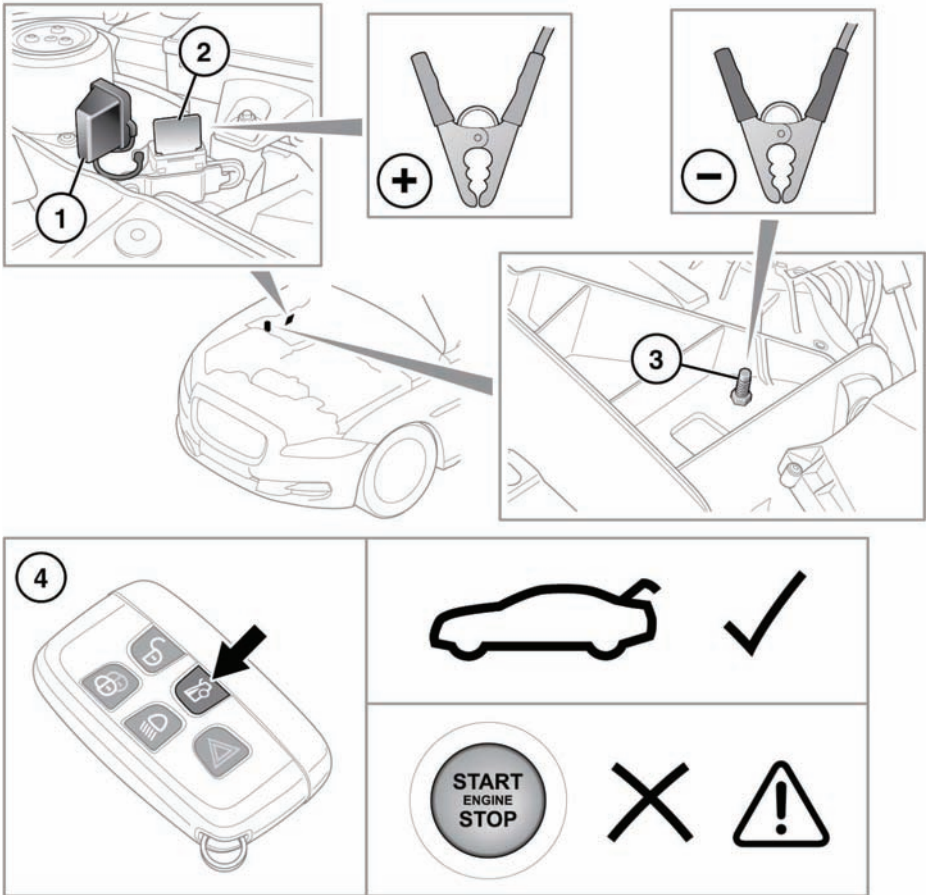
Return the handle to its stowage position after use.

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.

NOTICE

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.



E142724

With the hood open and the engine cover removed (see **190, FUSE BOX LOCATIONS**), connect jump leads to a suitable 12v supply. Then proceed as follows:

1. Remove the cover from the positive terminal.
2. Attach the positive jump lead clamp to the positive terminal.
3. Attach the negative jump lead clamp to the earthing post.

Note: The alarm may sound when the power is supplied.

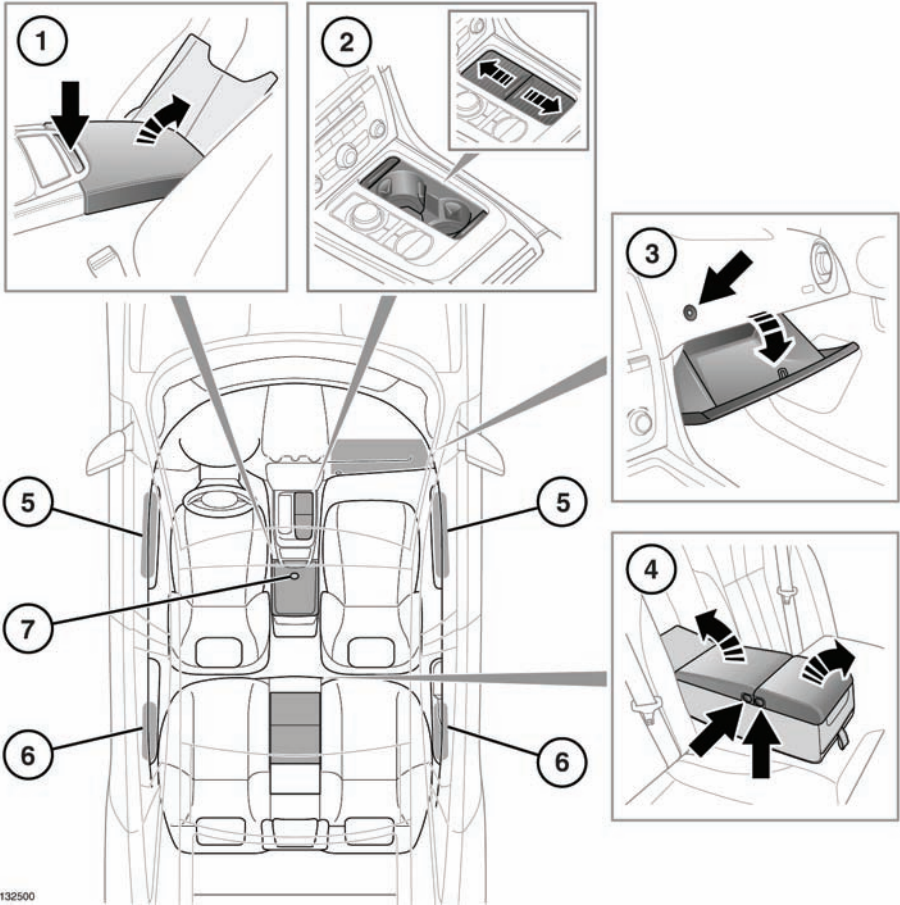
4. Press the luggage compartment release button on the remote control.

NOTICE

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

Storage compartments

STORAGE COMPARTMENTS



- 1. Cubby box.
- 2. Cup holders.
- 3. Glove box. Open using the glove box release (arrowed).
- 4. Rear armrest cubby box.
- 5. Front door stowage.
- 6. Rear door stowage.
- 7. Auxiliary power socket.

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

NOTICE
Only use approved accessories.

STARTING THE ENGINE

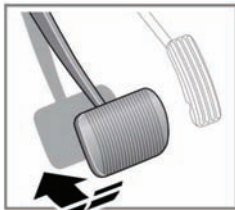
⚠ WARNING

Never start the engine and leave it running when the vehicle is in an enclosed space. Exhaust gasses are poisonous and can cause unconsciousness and death if inhaled.

NOTICE

If the engine fails to start, do not continue cranking as this will discharge the battery. It may also damage the catalytic convertor due to unburnt fuel passing through the exhaust.

Note: 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 when inside a laptop bag), games console etc. Keep the Smart Key clear of such devices when attempting Keyless entry or Keyless starting.



E142752

To start the engine:

1. Ensure that a valid Smart Key is inside the vehicle.
2. Ensure that Park (P) or Neutral (N) is selected.
3. Firmly depress the brake pedal.
4. Press and release the engine **START/STOP** button.

Once the engine has started, the brake pedal can be released if it is safe to do so.

SWITCHING OFF THE ENGINE

While the vehicle is stationary:

1. Ensure that the vehicle is parked with Park (P) selected and the parking brake applied.
2. Press and release the engine **START/STOP** button. The engine will stop and the ignition system will return to convenience mode.

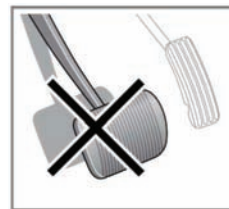
While the vehicle is moving:

NOTICE

It is not advisable to switch off the engine while the vehicle is moving. However, if a situation arises where engine switch off is urgent, the following procedure applies:

1. Press and hold the engine **START/STOP** button for 2 seconds, or
2. Press and release the engine **START/STOP** button twice within 2 seconds.

SWITCHING ON THE IGNITION



E142753

To switch on the ignition without starting the engine:

1. Ensure the brake pedal is not depressed and that a valid Smart Key is inside the vehicle.
2. Press and hold the engine **START/STOP** button until the warning lamps illuminate.
3. Release the engine **START/STOP** button. In either case, a warning will be displayed to the user, **Engine Stop Button Pressed**.

Starting the engine

NOTICE

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

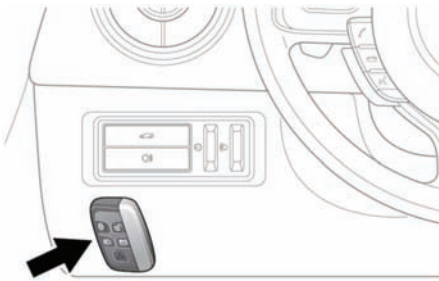
ROLLING RE-START

A rolling restart can be initiated by selecting Neutral (N) and pressing the engine **START/STOP** button.

KEYLESS START BACKUP

If the vehicle has been unlocked using the emergency key blade or the Smart Key is not detected by the vehicle, it will be necessary to use the keyless start backup to disarm the alarm and start the engine.

The keyless start backup can only be used when the message **Smart Key Not Found - Refer to Handbook** is displayed in the message center.



E142809

1. Position the Smart Key flat against the fascia below the auxiliary switch pack in the position shown.
2. Firmly depress the brake pedal.
3. Press and release the engine **START/STOP** button.

Once the engine has started, the brake pedal can be released if it is safe to do so.

If the Smart Key is not recognized, or the engine still fails to start, consult a Dealer/Authorized Repairer.

IF THE ENGINE FAILS TO START

Note: If the engine fails to crank when the engine **START/STOP** button is pressed and there has been a recent collision, the fuel system inertia switch may have been tripped. Seek qualified assistance.

If the engine persistently fails to start.

1. Ensure the brake pedal is depressed and that a valid Smart Key is inside the vehicle.
2. Ensure that Park (P) or Neutral (N) is selected.
3. Press and hold the engine **START/STOP** button until the warning lamps illuminate.
4. Slowly depress the accelerator pedal fully and hold it in the fully depressed position.
5. Press and release the engine **START/STOP** button. The engine will begin to crank.
6. Release the accelerator pedal when the engine starts.

If the engine still fails to start, or fails to crank, consult a Dealer/Authorized Repairer.

ENGINE BLOCK HEATERS

NOTICE

The fitting of an engine block heater does not eliminate the need for antifreeze.

Engines are more difficult to start when the ambient temperature is very low. In geographical areas where temperatures below 14°F (-10°C) are experienced frequently, it is advisable to fit an engine block heater. The block heater will have an insulated connector at the front of the vehicle which is connected to a mains supply using a suitable extension cable. The heater can remain in use overnight, if

required. Typically, an engine block heater will use between 400W and 1000W per hour.

For further information, consult your Dealer/Authorized Repairer.

Intelligent stop/start

INTELLIGENT STOP/START

The Stop/Start system is designed to improve fuel efficiency and is automatically activated every time the ignition is turned on. If the vehicle is stopped (e.g. at traffic lights or in traffic) the engine will turn off (unless it is required to support other vehicle systems). When the brake is released and a drive gear is selected, the engine will restart automatically.



The warning lamp in the instrument panel illuminates when the engine has been switched off by the Stop/Start system.

To activate an automatic engine stop:

- Stop the vehicle from a speed greater than 2.5 mph (4 km/h) and apply sufficient brake pressure to ensure the vehicle is stationary.
- Alternatively, while stationary, select Neutral (**N**).

To activate an automatic engine restart release the brake pedal with Drive (**D**) or Sport (**S**) selected.

The engine will also restart if one of the following occurs:

- Stop/Start is deactivated.
- The accelerator pedal is pressed.
- A shift paddle is used to select a gear.
- Reverse (**R**) is selected.
- Climate control system demand increases.
- The vehicle's speed exceeds approximately 0.5 mph (1 km/h).
- Battery charge becomes low.
- Brake vacuum has been reduced (e.g. using the brake pedal repeatedly with the engine off).

The following conditions will prevent an automatic engine stop:

- A shift paddle has been used to select a gear.
- The external temperature is less than approximately 32 °F (0 °C).
- The external temperature is more than approximately 104 °F (40 °C).
- The engine has not reached operating temperature.
- The driver's seat belt is not fastened.
- The climate control system demand requires the engine to be running (for example, in Defrost mode).
- The battery charge is low.
- The hood is opened.
- Stop/Start is deactivated.

DEACTIVATING INTELLIGENT STOP/START

To switch the system off, press the ECO switch, see **218, DRIVER CONTROLS**.

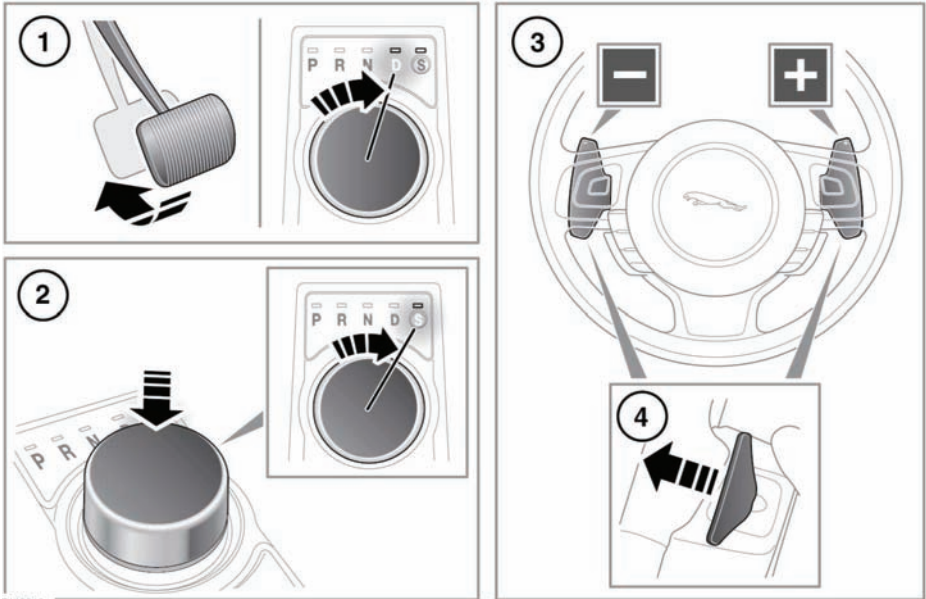
Note: The engine will restart automatically if the switch is pressed while an automatic engine stop is in progress.



To confirm that the system is off, the Intelligent stop/start system off warning symbol illuminates and the message ECO Stop/Start Off is momentarily displayed.

The Intelligent stop/start system off warning symbol also illuminates if there is a system fault. If the **ECO** switch is pressed while there is a fault, the message **ECO Start Stop Unavailable** is displayed.

AUTOMATIC TRANSMISSION



E143642

1. To select drive or reverse gear, press the brake pedal and rotate the rotary drive selector.
2. To select sport mode, from **D** press the rotary drive selector down and rotate to **S**.

3. Manual mode gear shift paddles (left paddle for downshifts, right paddle for upshifts), see **84, MANUAL GEAR SELECTION**.

Note: The gear shift paddles can be configured to operate in 'S only' or 'D and S' via the Vehicle Set-up menu, see **63, INSTRUMENT PANEL MENU**.

See **84, MANUAL GEAR SELECTION** for initial vehicle set-up.

4. Pull briefly to change gear when in manual mode.

Note: The availability of Manual mode is dependent on vehicle set-up. See **84, MANUAL GEAR SELECTION**.

Note: The selected gear will be displayed in the instrument panel, also see **86, DYNAMIC MODE**.

NOTICE

Never select the Park (P) position while the vehicle is in motion. Doing so can result in serious transmission damage.

NOTICE

Never select the Reverse (R) position while the vehicle is in forward motion. Doing so can result in serious transmission damage.

NOTICE

Never select a forward gear while the vehicle is moving backwards. Doing so can result in serious transmission damage.

NOTICE

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. Doing so can result in serious transmission and/or engine damage.

NOTICE

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. The vehicle may move unexpectedly with any other gear position selected.

If the rotary drive selector is obstructed, remove the obstruction and then start the engine. The selector should elevate.

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

MANUAL GEAR SELECTION

On delivery the manual gear selection gear shift paddles may be set to operate as follows:

- 5.0L Supercharged: Gear shift paddles set to operate in both '**D and S**' modes.
- 5.0L Non-supercharged and 3.0L Supercharged: Gear shift paddles set to operate in '**S only**' mode.

If required the operating mode can be reconfigured so that the gear shift paddles operate in '**S only**' or '**D and S**'. Reconfigure via the Vehicle Set-up menu, see **63**, **INSTRUMENT PANEL MENU**.

Operation: When in manual mode, pull the left-hand paddle to shift down a gear or the right-hand paddle to shift up a gear.

There are 2 methods of exiting manual mode:

1. Pull and hold the right-hand paddle for approximately 1 second to return directly to automatic operation.
2. Rotate the gear selector from **S** to the **D** position.

Temporary manual gear selection (unless set to operate in '**S only**' mode): When the rotary drive 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 rotary drive selector may be subsequently moved to the **S** position to enter permanent manual mode.

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

NOTICE

*When the transmission is set to permanent manual mode (i.e. using the paddles to change gear while in Sport mode) and Dynamic mode is selected (see **86, DYNAMIC MODE**), transmission up-shifts are fully controlled by the driver. This means that the transmission will not change up a gear automatically, even when the vehicle's rev limit is reached.*

ROTARY GEAR SELECTOR

⚠️ WARNING

Park (P) should be engaged and the parking brake applied when the vehicle is stationary. The vehicle can move unexpectedly with any other gear position selected, which may result in death or serious injury.

Before exiting the vehicle, always ensure that the gear selector is in the Park (P) position, the engine is turned off, the parking brake is applied and the Smart Key is removed from the vehicle.

The rotary drive selector elevates out of the center 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 center 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.

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 gear 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/Authorized Repairer.

Stability control

DYNAMIC STABILITY CONTROL (DSC)

⚠ WARNING

Dynamic Stability Control (DSC) is unable to compensate for driver misjudgement. It remains the driver's responsibility to drive with due care and attention, in a manner which is safe for the vehicle, its occupants and the other road users.

DSC optimises vehicle stability, even in critical driving situations. The system controls dynamic stability when accelerating and when starting from a standstill. Additionally, it identifies unstable driving behavior, such as understeer and oversteer and helps to keep the vehicle under control by manipulating the engine output and applying the brakes at individual wheels. Some noise may be generated when the brakes are applied. See **60, DYNAMIC STABILITY CONTROL (DSC) (AMBER)**.

WINTER MODE



Press 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 is designed to optimize stability of the vehicle to suit slippery conditions where 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. See **88, JAGUAR DRIVE CONTROL SCENARIOS**.

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

DYNAMIC MODE



Press 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, helping swift progress.

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 center 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 6 hours after the ignition is switched off, after which point it will need to be reselected if required.

TRACDSC

⚠ CAUTION

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

TracDSC is an alternative setting of DSC, with reduced system interventions. With TracDSC engaged, traction may be increased, although stability may be reduced compared to normal DSC. TracDSC is intended for use only on dry tarmac, by suitably experienced drivers. TracDSC should not be selected for other

Stability control

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TracDSC is an alternative setting of DSC, with reduced system interventions. With TracDSC engaged, traction may be increased, although stability may be reduced compared to normal DSC. TracDSC is intended for use only on dry tarmac, by suitably experienced drivers. TracDSC should not be selected for other

surfaces or by drivers with insufficient skill and training to operate the vehicle safely with TracDSC function engaged.

SWITCHING BETWEEN DSC AND TRACDSC



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

- The warning lamp in the instrument panel will illuminate while TracDSC 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

⚠WARNING

Disabling the DSC may adversely affect vehicle stability and braking which in turn can lead to loss of control and increased braking distance, resulting in a rollover or crash.

- Press and hold the DSC switch for more than 10 seconds.
- The message center will display **DSC OFF** and a short warning chime will sound.
- The DSC OFF 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 center will temporarily display **DSC ON**.
- The DSC OFF 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.*

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.

Stability control

JAGUARDRIVE CONTROL SCENARIOS

CAUTION

Winter mode, Dynamic mode and TracDSC are not substitutes for driving safely, with due care and attention. Drivers should not assume that these features will correct errors of judgement in driving.

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

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

ADAPTIVE DYNAMICS

If the general warning lamp illuminates (see **59, GENERAL WARNING/INFORMATION MESSAGE (AMBER)**) and the message **ADAPTIVE DYNAMICS FAULT** is displayed in the message center, some reduction in ride comfort may be experienced. If the fault persists, consult a Dealer/Authorized Repairer.

IMPORTANT INFORMATION

WARNING

Do not rest your foot on the brake pedal while the vehicle is in motion.

WARNING

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.

WARNING

If the red brake warning lamp illuminates, safely bring the vehicle to a stop, as quickly as possible and seek qualified assistance.

WARNING

Never place non-approved floor matting or any other obstructions under the pedals. This restricts pedal travel and braking efficiency, and may cause a crash.

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.

WARNING

Do not pump the brake pedal at any time; this will interrupt operation of the system and may increase stopping distances.

HILL START ASSIST

Hill Start Assist activates when starting a hill ascent from a stationary position. When the foot brake is released Hill Start Assist smoothly releases the brake pressure, allowing the vehicle to move away without rolling backwards.

Any fault with Hill Start Assist will be indicated by the DSC warning lamp being illuminated and a message in the message center.

EMERGENCY BRAKE ASSIST (EBA)

If the driver rapidly applies the brakes, EBA automatically boosts the braking force to its maximum, in order to bring the vehicle to a halt as quickly as possible. If the driver applies the brakes slowly, but conditions mean that ABS operates on the front wheels, EBA will increase the braking force in order to apply ABS control to the rear wheels.

EBA stops operating as soon as the brake pedal is released.

A fault with the EBA system is indicated by the brake warning lamp (see **59, BRAKE (RED)**) illuminating and an associated warning message. Drive with care, avoiding heavy brake application and seek qualified assistance.

ELECTRONIC BRAKE FORCE DISTRIBUTION (EBD)

EBD controls the balance of braking forces supplied to the front and rear wheels, in order to maintain maximum braking efficiency.

If the vehicle has a light load (only the driver in the vehicle for example), EBD will reduce the braking force applied to the rear wheels. If the vehicle is heavily laden, EBD will allow greater braking force to the rear wheels.

A fault with the EBD system is indicated by the brake warning lamp (see **59, BRAKE (RED)**) illuminating and an associated warning message. Gently and safely stop the vehicle and seek qualified assistance.

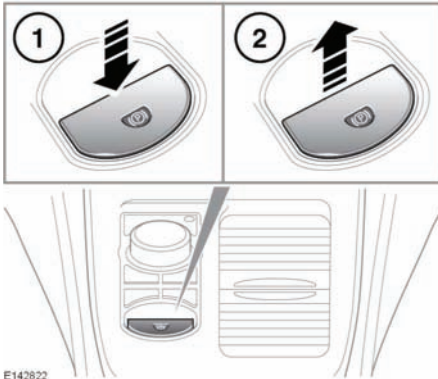
ELECTRIC PARKING BRAKE (EPB)

⚠ WARNING

Do not rely on the parking brake to hold the vehicle stationary if the brake warning lamp is illuminated or the EPB warning lamp is flashing. Seek qualified assistance urgently.

NOTICE

The parking brakes operate on the rear wheels. Therefore, secure parking of the vehicle is dependent on being on a hard and stable surface.



With the ignition turned on, press the brake pedal and press down on the EPB switch (1). This will release the electronic parking brake.

With the vehicle stationary, pull up the EPB switch (2) and release it to apply the parking brake. The parking brake warning lamp (see **60, PARKING BRAKE (RED)**) illuminates to indicate that the parking brake is applied.

If the lever is operated when the vehicle speed is less than 2 mph (3 km/h) the vehicle will be brought to an abrupt stop. The stop lamps will not be illuminated.

The EPB will be applied automatically if the ignition is switched off and the vehicle speed is below 2 mph (3 km/h), unless **P** (Park) is selected. To prevent automatic operation, when the vehicle is stationary, press and hold the EPB switch in the release position. Within 5 seconds, switch off the ignition and continue to hold the EPB switch for a further 2 seconds.

NOTICE

Driving the vehicle with the parking brake applied, or repeated use of the parking brake to slow the vehicle, may cause serious damage to the brake system.

In an emergency, with the vehicle traveling more than 2 mph (3 km/h), pulling on the EPB switch and holding gives a gradual reduction in the speed. The brake warning lamp will illuminate accompanied by a warning tone and a warning message in the message center. The stop lamps will illuminate.

If the vehicle is stationary with the EPB applied and the transmission in **D** or **R**, pressing the accelerator will release the EPB and allow the vehicle to move off.

Note: *Automatic release of the EPB is only possible when the driver's door is closed or the driver's seat belt is buckled.*

The parking brake system gradually reduces the system load to assist a smooth drive away. If the reduction in system load causes the vehicle to move after a valid gear is selected, full load will be automatically re-applied to the parking brake. To override the load reducing feature of the EPB, manually apply the parking brake after selecting a gear.

At the start of a journey, EPB release times may be extended when changing from **P** or **N**. This is to allow for increased gear engagement times.

Brakes

If the system detects a fault with the EPB, the amber brake warning lamp will illuminate accompanied by a message on the message center.

If the system detects a fault while EPB is operating, the red parking brake warning lamp will flash, accompanied by a message in the message center.

Note: *The red parking brake warning lamp will continue to be illuminated for at least ten seconds after the ignition has been turned off.*

Tire pressure monitoring system (TPMS)

TIRE PRESSURE MONITORING SYSTEM

⚠ WARNING

TPMS provides a low pressure warning and does not re-inflate your tires. Tire pressures should be checked regularly using an accurate pressure gauge when cold.

⚠ WARNING

TPMS can NOT register damage to a tire. Regularly check the condition of your tires.

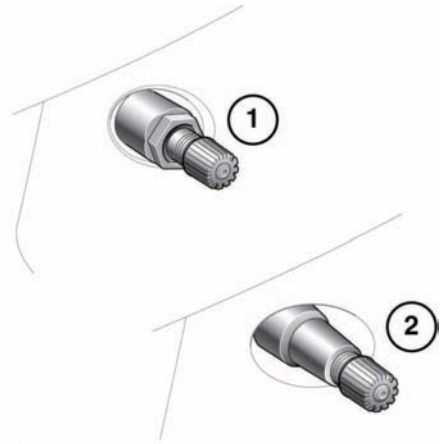
NOTICE

When inflating tires, care should be taken to avoid bending or damaging the TPMS valve. Always ensure correct alignment of the inflation head to the valve stem.

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

Note: Different types of tire may affect TPMS performance. Always replace tires in accordance with recommendations.

TPMS constantly monitors the tire pressure in each wheel except for the temporary use spare tire (when fitted) which is not monitored.



E132513

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

Each tire, including the spare (if provided), should be checked monthly when cold and inflated to the inflation pressure recommended by the vehicle manufacturer on the vehicle placard or tire inflation pressure label (If your vehicle has tires of a different size than the size indicated on the vehicle placard or tire inflation pressure label, you should determine the proper tire inflation pressure for those tires).

As an added safety feature, your vehicle has been equipped with a tire pressure monitoring system (TPMS) that illuminates a low tire pressure warning lamp when one or more of your tires is significantly under-inflated, see **61, TIRE PRESSURE MONITORING SYSTEM (YELLOW)**. In addition to this, a warning message is displayed in the message center below a graphic which shows which tire is under inflated.

Tire pressure monitoring system (TPMS)

Accordingly, when the low tire pressure warning lamp illuminates, you should stop and check your tires as soon as possible, and inflate them to the proper pressure. Driving on a significantly under-inflated tire causes the tire to overheat and can lead to tire failure. Under-inflation also reduces fuel efficiency and tire tread life, and may affect the vehicle's handling and stopping ability.

Please note that the TPMS is not a substitute for proper tire maintenance, and it is the driver's responsibility to maintain correct tire pressure, even if under-inflation has not reached the level to trigger illumination of the TPMS low tire pressure telltale.

Your vehicle has also been equipped with a TPMS malfunction indicator to indicate when the system is not operating properly.

The TPMS malfunction indicator is combined with the low tire pressure warning lamp. When the system detects a malfunction, the telltale will flash for approximately one minute and then remain continuously illuminated. This sequence will continue upon subsequent vehicle start-ups as long as the malfunction exists.

When the malfunction indicator is illuminated, the system may not be able to detect or signal low tire pressure as intended. TPMS malfunctions may occur for a variety of reasons, including the installation of replacement or alternate tires or wheels on the vehicle that prevent the TPMS from functioning properly. Always check the TPMS malfunction telltale after replacing one or more tires or wheels on your vehicle to ensure that the replacement or alternate tires and wheels allow the TPMS to continue to function properly.

VEHICLE LOADING

It is possible to select different tire pressure monitoring levels that correspond to the pressures on the tire pressure label for a lightly laden or heavily laden vehicle.

The different tire pressure monitoring levels can be set via the **Vehicle Set-Up** menu (see **63, INSTRUMENT PANEL MENU**).

TEMPORARY USE SPARE WHEEL AND TIRE CHANGE

If the temporary use spare wheel is fitted, the system will automatically recognize the change in wheel positions. After approximately 10 minutes of driving above 18 mph (25 km/h), the message FRONT[REAR] RIGHT[LEFT] TIRE PRESSURE NOT MONITORED will be displayed, accompanied by illumination of the warning lamp.

The warning lamp will first flash and then illuminate continuously. Extended use of the temporary use spare wheel will trigger the message **TIRE PRESSURE MONITORING SYSTEM FAULT**.

This TPMS display sequence will be activated at every ignition cycle until the temporary spare wheel is replaced by a full-size road wheel with a TPMS sensor fitted.

Note: *If in use, always replace the temporary spare wheel before having a TPMS fault investigated.*

TYPE APPROVAL NUMBERS

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

This device complies with Industry Canada Standard IC - RSS-210: Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference, including interference that may cause undesired operation of the device.

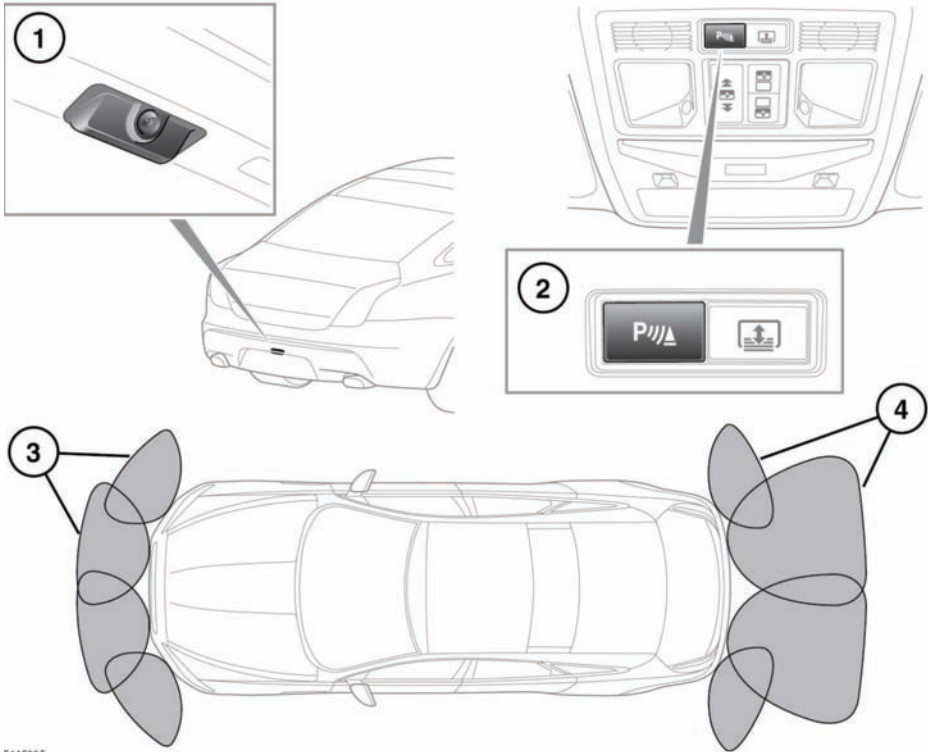
Note: *Changes or modifications not expressly approved by the manufacturer could void the user's authority to use the equipment.*

The TPMS radio frequency approval numbers for the USA and Canada are:

USA FCC ID:	KR5S120123
	KR5S180052021
	5WK49097
Canada IC:	267T-S120123
	7812D-S180020A
	267T-5WK49097

Parking aids

USING THE PARKING AID



E146395

⚠ WARNING

The parking aid system is not a substitute for driving safely with due care and attention. Drivers should not assume that this feature will correct errors of judgement while driving.

⚠ WARNING

Parking aids may not detect moving objects, such as children and animals until they are dangerously close. Always exercise extreme caution when maneuvering and always use the mirrors.

⚠ WARNING

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.

⚠ WARNING

The parking aid system may not function under all speeds, weather and road conditions.

NOTICE

If accessories are fitted to the rear of the vehicle, particular care must be taken when reversing. The rear sensors will only indicate the distance from the bumper to the obstacle.

1. Rear camera, see **97, REAR CAMERA**.
2. Parking aid switch. Press to turn on and off.
3. Front detection range.
4. Rear detection range.

When reverse gear is selected, the front and rear parking sensors are activated automatically, and the switch indicator will illuminate.

To manually activate the front sensors press the parking aid switch, the switch indicator will illuminate.

To turn off the system when active, press the switch, the switch indicator will extinguish.

The range of the parking aid sensors varies between the front, rear and corners of the vehicle.

The front sensors will remain active as long as the vehicle's forward speed does not exceed 10 mph (16 km/h).

Selecting **N** from **R** will keep front and rear sensors active.

When parking aid is active a pop-up appears on the touch screen showing a plan view of the vehicle and the immediate surrounding area. Touch the screen to cancel the view.

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

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

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

CLEANING THE SENSORS

NOTICE

When washing the vehicle do not aim high pressure water jets directly at the sensors. Do not use abrasive materials or hard/sharp objects to clean the sensors. Only use approved vehicle shampoo.

The sensors should be kept clean to maintain accuracy and performance.

PARKING AID SYSTEM FAULT

If a system fault is detected, a long high-pitched tone will sound, and the switch indicator will flash. Contact your Dealer/Authorized Repairer as soon as possible.

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 CAMERA

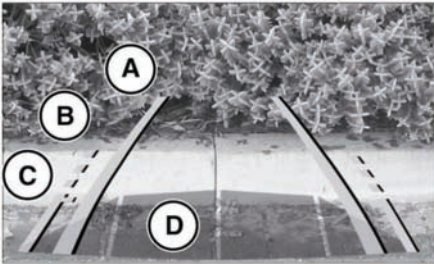
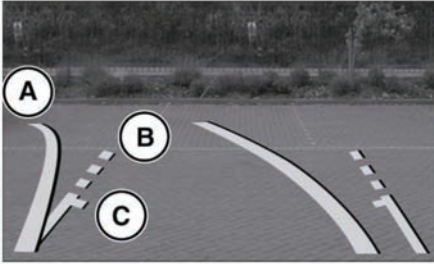
⚠ WARNING

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

When reverse gear is selected, the screen automatically displays a wide angle, color image from the rear of your vehicle.

Parking aids

The rear view camera system provides a rear view image to assist in reversing the vehicle. Overlaid on the image are reversing guidelines.



E142176

- A. Solid line: The projected wheel trajectory.
- B. Dotted line: The safe working width of the vehicle (including exterior mirrors).
- C. Trunk access guidelines: Do not reverse past this point if trunk access is required.
- D. Parking aid sensor activation: a colored area appears to indicate which rear sensor(s) is active.

Note: The camera display has priority over the parking aid display. To view the parking aid display instead, or to cancel camera display, touch the display.

NOTICE

Some overhanging objects or barriers which could cause damage to the vehicle may not be detected by the camera.

Rear view camera display on the touch screen will discontinue when either of the following apply:

- Drive is selected for longer than 15 seconds.
- Drive is selected and/or vehicle speed is greater than 11 mph (18 km/h).

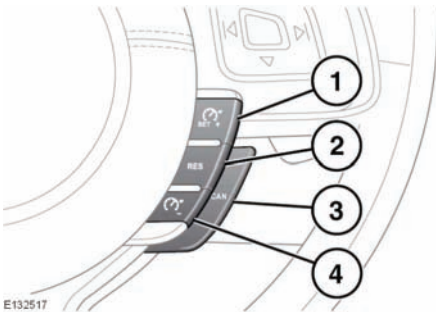
USING CRUISE CONTROL

⚠ WARNING

The driver must always ensure that a safe speed is maintained within the speed limit, taking account of traffic and road conditions.

Do not use cruise control in heavy traffic or conditions where a constant road speed cannot be safely maintained, such as on roads that are winding, wet with rain or snow, slippery or unpaved.

Note: Do not use cruise control with **SPORT** mode selected.



1. **SET+:** Press to set the speed or to increase the set speed. The cruise control warning lamp will illuminate to confirm cruise control is operational (see **61, CRUISE CONTROL (GREEN)**).

The cruising speed can also be increased using the accelerator. When the desired speed is reached, press the button to set and maintain the new speed and then release the accelerator.

Note: Cruise control can only be engaged at speeds in excess of 18 mph (30 km/h).

2. **RES:** Press to resume the set speed.

NOTICE

It is not recommended to resume set speed when a low gear is selected as excessive engine speeds will occur. **RES** should be used only if the driver is aware of the set speed and intends to return to it.

3. **CANCEL:** Press to cancel but retain the set speed in memory.

Cruise control will also be canceled if the brake pedal is pressed, the gear selector is moved to Neutral (**N**), or if DSC is activated.

4. Press to decrease the set speed.

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.

Note: If the accelerator pedal is pressed for more than 5 minutes, cruise control will be canceled.

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.

⚠ WARNING

ACC is not a substitute for driving safely, with due care and attention. ACC may not function properly under all weather and road conditions.

Do not use ACC in poor visibility, specifically fog, heavy rain, spray or snow.

ACC is not a collision warning or avoidance system and drivers should not assume that this feature will correct errors of judgement while driving.

Additionally, ACC will not react to:

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

Note: Do not use ACC with Sport mode selected.

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.

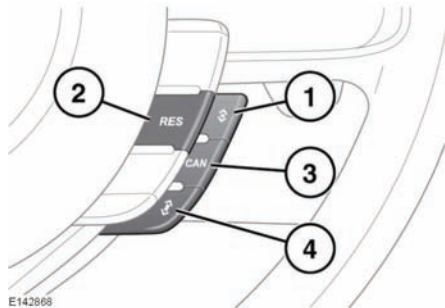
- Only use ACC when it is safe to do so and conditions are favorable (i.e. main roads with free flowing traffic).
- Do not use on icy or slippery roads.
- It is the driver's responsibility to stay alert, drive safely and be in control of the vehicle at all times.

- 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 highway.

USING ACC

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. See **99, USING CRUISE CONTROL**.



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

ENTERING FOLLOW MODE

WARNING

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.

The message center will display the gap set in the form of a varying number of chevrons in front of a vehicle.

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 center. 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

WARNING

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

Four gap settings are available and the selected gap setting will be displayed on the message center 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 center (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.

Adaptive cruise control

OVERRIDING THE SPEED AND FOLLOW MODE

⚠ WARNING

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 center. 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 18 mph (30 km/h) 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 in the message center. 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 positions are 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

NOTICE

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 center for 4 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 while 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:

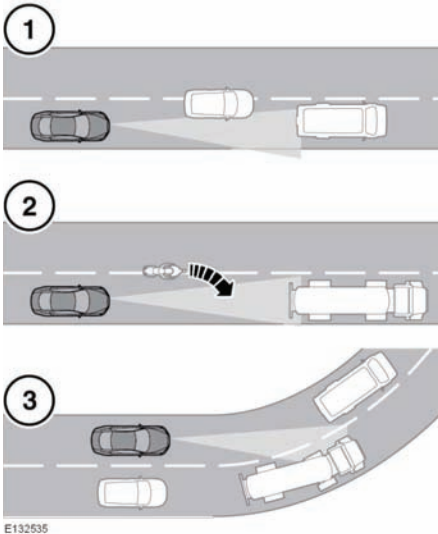
- A failure has occurred while the system is active
- That using maximum ACC braking only is not sufficient.

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 metallic 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.

Tires other than those recommended may have different sizes. This can affect the correct operation of the ACC.

Adaptive cruise control

FORWARD ALERT FUNCTION

WARNING

The system may not react to slow moving vehicles.

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 using the instrument panel menu.



When the warning lamp in the instrument panel illuminates Forward alert is enabled.

The sensitivity of the warning may be changed and is retained when the ignition is switched off:

- 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 center.

ADVANCED EMERGENCY BRAKE ASSIST

NOTICE

The system may not react to slow moving vehicles and will not react to stationary vehicles or vehicles traveling in the opposite direction.

NOTICE

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).

NOTICE

The system utilizes the same radar sensor as ACC and Forward alert - the same limitations of performance apply.

The system may not react to slow moving vehicles and will not react to stationary vehicles or vehicles traveling 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 utilizes 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 5 mph (7 km/h) 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 **90, EMERGENCY BRAKE ASSIST (EBA)**.

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 center. The vehicle can still be driven and the braking system will still operate, but without advanced emergency brake assistance. Consult your Dealer/Authorized Repairer to have the fault rectified.

INTELLIGENT EMERGENCY BRAKING

NOTICE

The system may not react to slow moving vehicles and will not react to stationary vehicles or vehicles traveling in the opposite direction.

NOTICE

Warnings and automatic braking may not occur 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).

NOTICE

*The system utilizes the same radar sensor as Adaptive cruise control and Forward alert - the same limitations of performance apply. See **100, ADAPTIVE CRUISE CONTROL OVERVIEW.***

When Adaptive cruise control is fitted, Intelligent Emergency Braking (IEB) is available at all speeds and will function even if Adaptive cruise control and Forward alert are switched off. The purpose of IEB is to reduce the impact speed with a slower vehicle ahead when a collision becomes unavoidable.

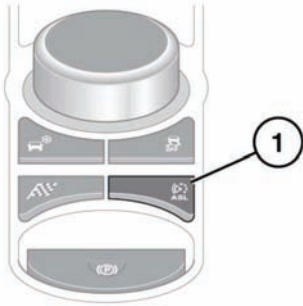
If an imminent risk of collision occurs, an audible warning is given. If a collision becomes unavoidable, IEB will apply the brakes at up to maximum pressure. After IEB has activated, **IEB System Was Activated** is displayed in the message center and the system is inhibited

from further operation until reset by a Dealer/Authorized Repairer.

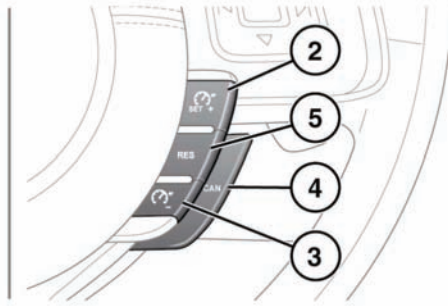
If the radar sensor is blocked, by snow or heavy rain for example, or there is a fault with the system, **IEB Not Available** is displayed in the message center. The vehicle can still be driven and the braking system will still operate, but without IEB. If the radar sensor is not considered to be blocked, consult your Dealer/Authorized Repairer.

Automatic speed limiter (ASL)

ASL CONTROLS



E143671



⚠ WARNING

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, driver intervention may be required.

The ASL button switches between cruise control and ASL. The systems cannot be used simultaneously. The ASL can be set at any speed between 18 mph (30 km/h) and 150 mph (240 km/h).

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

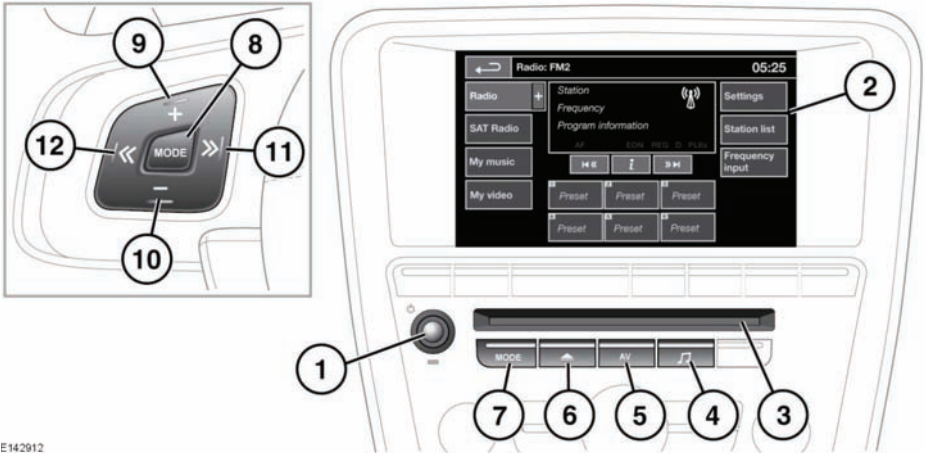
1. ASL on/off. The ASL warning lamp will illuminate when ASL is active. See **61, AUTOMATIC SPEED LIMITER (AMBER)**.
2. Set/increase speed limit. The set speed limit will be displayed in the Driver information center.

When a speed has been set, the engine will respond normally up to the set speed. Further accelerator pressure will not increase the speed beyond the set speed unless sudden, rapid acceleration

(kickdown) is applied. If kickdown is initiated, ASL will be suspended.

3. Decrease speed limit. The set speed limit will be displayed in the Driver information center.
4. Suspend ASL assistance. ASL can also be suspended by applying sudden, rapid acceleration (kickdown).
5. Resume ASL assistance. ASL will only resume if the vehicle speed is less than the set speed and greater than 18 mph (30 km/h). If these criteria are not met, a message will be displayed in the message center.

AUDIO/VIDEO CONTROLS



E142912

⚠ WARNING

Do not adjust the main audio unit's controls, or allow the system to distract the driver while the vehicle is moving. Driver distraction can lead to accidents, causing serious injury or death.

⚠ CAUTION

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.

Note: The audio system operates with the ignition on or off but will switch off with the ignition and needs to be switched on again. If the engine is switched off the audio system will close down after 10 minutes to preserve the battery.

2. Touch screen.

3. CD/DVD load and eject slot.

4. Press to select Audio settings menu.

5. **AV:** Press to access audio/video menu.

6. Eject: Press to eject a CD/DVD.

7. **MODE:** Press repeatedly to scroll through all audio/video sources.

8. Steering wheel controls, **MODE:**

- Short press to scroll through all audio/video sources.
- Long press to scroll through audio/video source sub selections, e.g. In My music: iPod, Bluetooth, stored CD and CD etc.

9. Press to increase volume.

10. Press to decrease volume.

11. Seek up:

- Short press to select the next radio preset or next track on chosen audio source.
- Long press to seek to the next radio station.

Audio/video overview

12. Seek down:

- Short press to skip/move to the previous radio preset or previous track on chosen audio source.
- Long press to activate manual-seek, scan backwards through a track.

AUDIO SETTINGS

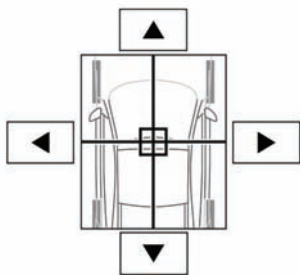
To view the audio settings menu, press the Audio settings button or the **Audio settings** soft key on the Home menu screen. See **66, TOUCH SCREEN HOME MENU**.

To adjust the sound settings:

1. Touch the **+** or **-** soft keys to adjust Bass, Treble or Subwoofer levels.
2. If surround sound is fitted, touch **DPLIIx**, **DTS Neo:6**, **Meridian Trifield** or select **Off** to switch surround sound off.

Note: Surround sound options are not available for certain sources where the surround sound mode is set automatically.

To adjust balance and fade:



E132537

1. From the Sound settings menu, select **Balance/Fade**.
2. Touch the arrow soft keys to move the sound focal point to the desired area of the vehicle. Alternatively, touch the sound focal point and 'drag' it to the required position.

LOADING DISCS

NOTICE

Do not force the disc into the slot.

NOTICE

Do not use irregular shaped CDs or DVDs and those with a scratch protection film or self-adhesive label attached.

NOTICE

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.

NOTICE

Recordable (CD-R) discs and re-writable (CD-RW) discs may not function correctly.

NOTICE

Recordable (DVD-R or DVD+R) discs may not function correctly.

NOTICE

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 4.7 in. (12 cm) circular discs are used.

The unit will play Compact Disc Digital Audio (CDDA) discs, MP3, WMA, WAV and AAC files.

The CD/DVD player will accommodate one CD or DVD 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.

LICENSING



E132538



E132539

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E132540

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E132541



E132542

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E132543

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E132544

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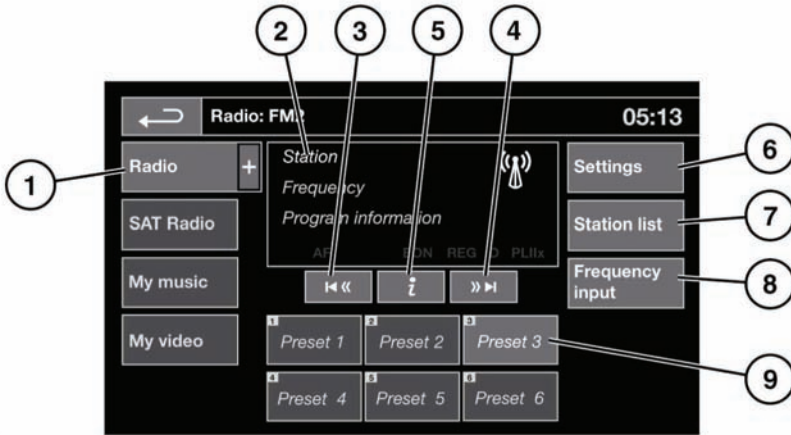
The Gracenote service uses a unique identifier to track queries for statistical purposes. The purpose of a randomly assigned numeric identifier is to allow the Gracenote service to count queries without knowing anything about who you are. For more information, see the web page for the Gracenote Privacy Policy for the Gracenote service.

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RADIO CONTROLS



E142987

⚠ WARNING

Do not adjust the touch screen controls, or allow the system to distract the driver, while the vehicle is moving. Driver distraction can lead to accidents, causing injury or death.

1. **Radio:** Waveband selection. Touch to view and select a waveband. The radio will tune to the last used station on that waveband. Touch again to close.

The waveband selection box will close automatically after 5 seconds without use.

2. Displays information about the current station.
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. Information. More information from the broadcasting station.
5. 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.
6. **Settings:** Touch to view and activate/deactivate the following features: **RBDS** and **HD Radio**. See **113, RADIO BROADCAST DATA SYSTEM (RBDS)**.
7. **Station list (FM only):** Select to view a list of 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.

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. **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 then beep).
 - Use the seek buttons on the steering wheel to change to the next or previous preset station.

RADIO BROADCAST DATA SYSTEM (RBDS)

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

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

Select **Settings** then select **RBDS On** to view or alter RBDS settings.

- RBDS station name display. The station name will not display if it is not available from the broadcaster or if RBDS is unavailable due to loss of reception.
- RBDS enables stations to be categorized by program type, e.g., rock music, current affairs, news, etc. The list is then available to view via the **Station list** soft key.

ALERTS

The **ALERT!** option in the **Category** section of the **Station list** will alert you to a crisis of national or international importance. Any radio broadcast or other audio playback will be interrupted. When such a broadcast is made, an ALERT pop-up will be displayed on the touch screen. The pop-up can be cancelled, but the audio alert will continue to broadcast until finished or until the radio station or audio source is changed.

HD Radio TECHNOLOGY

HD Radio™ systems provide digital radio broadcasts on AM/FM radio alongside the analogue radio signals. HD Radio™ technology is capable of providing improved audio quality compared to the analogue broadcast.

HD Radio technology operates in a very similar way to the standard AM/FM system. For information on storing stations, waveband selection etc. see **112, RADIO CONTROLS**.

When an HD Radio signal is detected and received, the tuner gradually blends automatically between the analogue and the digital audio.

In areas of poor reception due to signal masking and transmitter strengths, the HD Radio system may switch between the HD Radio primary signal and the corresponding analogue broadcast more frequently. If tuned to a multicast service, the audio may mute more frequently.

Note: During this process, a change in volume levels may be experienced. The volume matching between the analogue and digital signal is dependent upon the broadcaster.

Note: If poor reception and auto switching becomes unacceptable, it is recommended that HD is switched off or the radio tuned to an HD Radio service with better coverage.

The HD Radio digital signal is transmitted at the same frequency as the analogue signal and can also provide additional multicast channel services where available.

To switch the HD Radio feature on and off:

- Select **Settings**.
- Select **HD Off** to deactivate or **On** to activate HD Radio.

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When tuned to an HD Radio channel, the station name shown in the display, is prefixed by **HD**. If there are multicast services available, the station name will be prefixed by **HD1**.

TUNING TO MULTICAST SERVICES

Multicast services (extra digital audio channels) can be received on HD Radio™ channel broadcasts. Their availability is dependent upon the channel broadcaster. If an HD Radio channel features multicast services, **HD1** will be displayed.

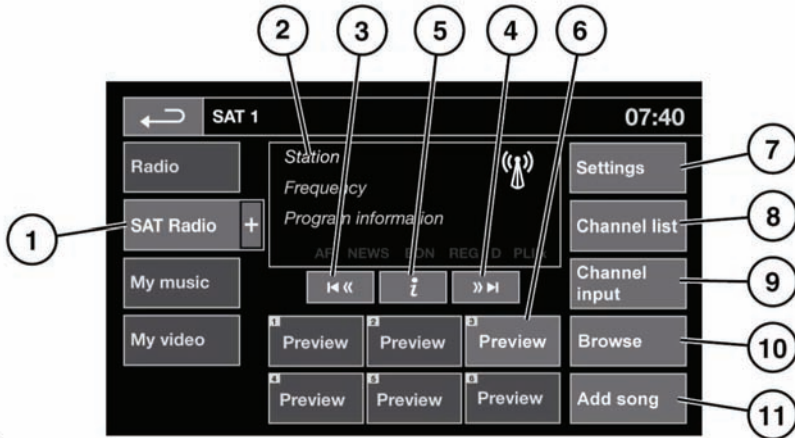
To access any available multicast services, use the seek buttons on the audio unit. The selected service (HD2, HD3 etc.) will be displayed.

Note: If the last of the multicast stations is passed when using the seek arrows, then the next analogue station will be selected. There will be a delay while the unit tunes to the next available analogue frequency.

Multicast channels can be stored as presets and used as normal. When recalling a multicast preset, a short delay may be experienced during which the audio is muted.

If the signal is lost when listening to a multicast service, the audio will be muted.

SATELLITE RADIO CONTROLS



E142989

⚠ WARNING

Do not adjust the touch screen controls, or allow the system to distract the driver, while the vehicle is moving. Driver distraction can lead to accidents, causing serious injury or death.

1. Satellite band selection:
 - Touch to select satellite radio.
 - Touch + to view and select a band (**SAT 1, 2 or 3**). The radio will tune to the last used channel on that band.

The Satellite band selection box will close after 5 seconds without use or can be closed by selecting SAT radio.

2. Display showing the current channel, the associated Category and relevant radio text.
3. Seek down:
 - Touch to seek previous available channel.
4. Channel information: Touch to view a pop-up of information broadcast by the channel.

5. Seek up:
 - Touch to find the next available channel.
6. Channel presets: Each SAT band has 6 preset positions.
 - Touch and release to tune to the channel stored on that preset.
 - Touch and hold to store the current channel stored on that preset.
 - Use the seek buttons on the steering wheel to select the next or previous preset channel.

Note: If a selected preset channel is unsubscribed, or has become unsubscribed, the Sirius phone number and a message will be displayed. See **116, SUBSCRIPTION SETUP**. Only subscribed channels can be saved as presets.

Satellite radio

7. **Settings.** Select to view the Settings menu:

- **Options:** To activate/deactivate Song seek and to view and edit the Song memory.
- **Channel skip:** Select individual channels or entire categories (select **Skip all**) from the list. The selected channels/categories will be skipped when using the Seek controls.
- **Parental lock:** Select individual channels or entire categories (**Lock all**) from the list. Locked channels/categories cannot be selected without first entering the correct PIN.

A 4-digit PIN needs to be entered to access the parental lock area. The default PIN is "0000" Select Edit PIN to change the PIN.

***Note:** If the PIN is forgotten, it can be reset by touching and holding Parental lock for 10 seconds, then touching and holding SAT information for 10 seconds.*

- **SAT information:** Select to view your SIRIUS ID number and subscription contact number.

8. **Channel list:** Touch to view a list of available categories. Select the desired category to view the list of corresponding channels. Make your channel selection from the list.

9. **Channel input:** Select to use the numerical touch-pad to enter a channel number. The **OK** soft key can be used at any time to enter your selection. If a single number, e.g. 7, is entered, SDARS will tune to that channel.

If 07 or 007 is entered, SDARS will still tune to the same channel. If **OK** is not touched after numbers are selected, the station will automatically tune to that station following a time out period.

10. **Browse:** Select from the list of categories to view the details (channel number, artist and title of current track) of the channels in the selected category.

***Note:** If there is more information than can fit on the display, select I to view all the information available.*

Select a channel from the list to tune to that channel (list is still displayed for further browsing).

11. **Add song:** Select to add the currently playing song title to the song memory. Subsequently, if a subscribed channel is broadcasting a song and its title is stored in the song memory, a pop-up will be displayed giving you the option to tune to that channel.

If the song memory is full and the vehicle is stationary, the option to edit the memory is available on a pop-up screen. Existing song titles can be deleted from the memory, allowing alternative song titles to be stored.

SUBSCRIPTION SETUP

Satellite (SAT) radio is a subscription-based service provided by SIRIUS, providing a wide range of music, news, sport and talk entertainment channels. Satellite Radio provides digital radio across a much wider geographical range than terrestrial radio signals.

Channel 184 (The Weather Channel) is available as a preview channel for a limited time only. Once the preview has expired, or to receive further satellite radio stations, you will need to subscribe to SIRIUS.

From inside your vehicle, call SIRIUS using the displayed number. You will need your credit card details and the SIRIUS ID number (also displayed on-screen).

Note: *With a Bluetooth® wireless technology phone paired and connected to the vehicle, you can touch the green phone icon to call the SIRIUS subscription line.*

SATELLITE RADIO RECEPTION

Satellite radio can significantly increase the number of radio channels available.

Where satellite signal strength is adversely affected by terrain, ground transmitters are used to relay the signal.

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

PORTABLE MEDIA CONTROLS

⚠️WARNING

Do not adjust the auxiliary device or allow the device to distract the driver while the vehicle is moving. Driver distraction can lead to accidents, causing serious injury or death.

⚠️WARNING

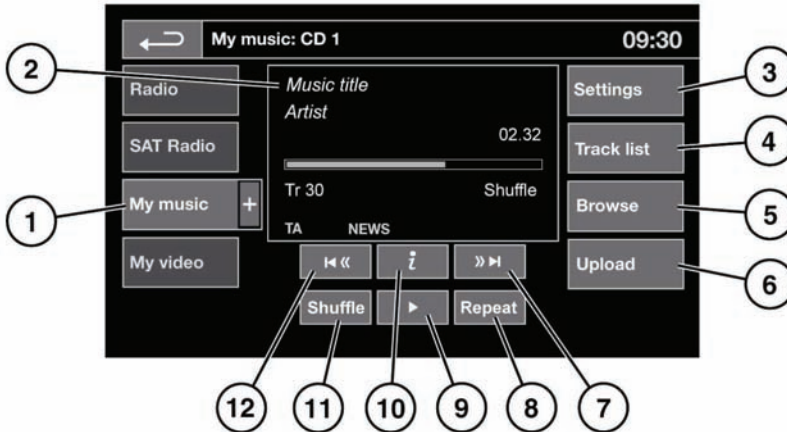
Make sure that any auxiliary devices are stored securely while the vehicle is in motion. Any loose objects are potential hazards during sudden maneuvers, emergency braking or accidents.

NOTICE

Do not place any item connected to the auxiliary input socket or the auxiliary power socket on the seats, carpets, or other upholstery. The heat generated by these devices may cause damage to the vehicle and, in some extreme cases, a fire.

NOTICE

Read the manufacturer's instructions for any device, before it is connected to the audio system.



E143011

⚠️WARNING

Do not adjust the touch screen controls, or allow the system to distract the driver, while the vehicle is moving. Driver distraction can lead to accidents, causing serious injury or death.

My music includes CD, iPod, USB, AUX and Bluetooth® devices. The full infotainment system also includes Stored CD.

1. Touch the **My music +** icon to display all the portable media options. Select an option.

Note: Sound quality and volume levels available from devices connected to the auxiliary input may vary widely.

2. Display of information about the current track, including elapsed run-time. Some of this information is also displayed in the instrument panel.
3. **Settings:** For MP3 recorded media, you can select the number of list entries that are skipped when you use the page up/down arrows when navigating a list.
4. **Track list.** Select to view current CD or Stored CD track list. Select a track to start playback.
5. **Browse.** (iPod, USB and Stored CD modes 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 subfolder to view their contents.
- To return to the Controls menu, select the Back soft key.

***Note:** If an iPhone is connected via a USB cable so that audio can be played and it is also linked via Bluetooth® for other phone functions, the audio will only be delivered via the last connected USB port. This means that if the Bluetooth® is the last connection made to the iPhone, no audio will be heard through the speakers even though audio information is displayed on screen. To address this issue, disconnect and then reconnect the USB cable. Alternatively open the iPod application on the iPhone, press the Bluetooth® icon at the bottom of the screen and select Dock Connector on the pop-up.*

6. **Upload:** Applicable to Stored CD menu only.

Select to view and manage the CDs loaded onto the CD store.

- Select **Upload** alongside an empty slot to upload the current CD. There are 10 slots available.
- If the CD store is full, select **Replace** to overwrite an existing CD.

In each case a confirmation pop-up will appear. Select **Yes** to continue.

***Note:** Loading time is dependent on content type. A % count up is displayed. Other features can be selected while upload is in progress.*

7. Skip/Scan forward:

- Touch and release to skip to the next track.
- Touch and hold to scan forwards through the current track. Play will resume when the soft key is released.

8. **Repeat.**

In **CD** mode:

- Touch and release to repeat the current track continuously until Repeat mode is cancelled. **Repeat track** is displayed.
- Touch and release again to repeat the current Stored CD (or folder for MP3 discs) continuously until Repeat mode is cancelled. **Repeat disc** or **Repeat folder** is displayed.
- Touch and release a third time to cancel Repeat mode.

***Note:** Selecting **Shuffle** will cancel Repeat mode, but **Repeat track** can be selected with Shuffle mode active (cancels the previously selected shuffle mode).*

Portable media

In **USB** or **iPod** mode:

- Select to repeat the current track.
- Select again to repeat the current folder (USB) or to cancel repeat mode (iPod). Select again to cancel repeat mode in USB.

Note: Repeat mode is not available for Bluetooth® devices.

Note: Selecting **Shuffle** will cancel Repeat mode.

9. Pause/Play: Select to pause playback. Select again to resume playback.

10. Information: More information about the current track.

11. Shuffle:

- Touch and release once to play random tracks from the current CD, MP3 folder, USB folder or iPod playlist. A **Shuffle** message is displayed.
- Touch and release again to play random tracks from CD, MP3 disc, USB folders or tracks on the media device or tracks loaded onto the CD store. **Shuffle all** is displayed.
- Touch and release again to cancel Shuffle mode

Note: Shuffle mode is not available for Bluetooth® devices.

12. 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.

For other relevant controls, see **107**, **AUDIO/VIDEO CONTROLS**.

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 center arm rest. Compatible portable devices include:

- USB mass storage devices (e.g. a memory stick). Devices must use FAT or FAT32 file format.
- iPod® (iPod Classic, Touch, Nano and iPhone® are supported - full functionality for older devices cannot be guaranteed). iPod Shuffle functionality cannot be guaranteed.
- Auxiliary device (personal audio, MP3 players, all iPods).

Note: Auxiliary devices have no touch screen control.

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.

NOTICE

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 maximize playback quality, it is recommended that lossless compression is used for any media files on USB or iPod. Failing this, it is recommended that compressed files utilize a minimum bitrate of 192 kb/s (a higher bitrate is strongly recommended).

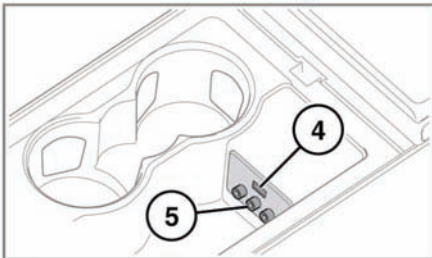
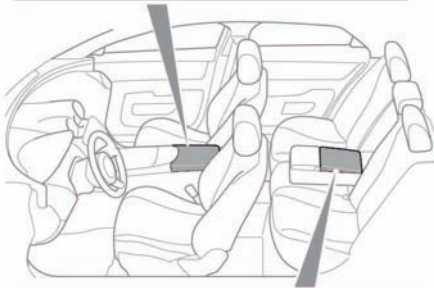
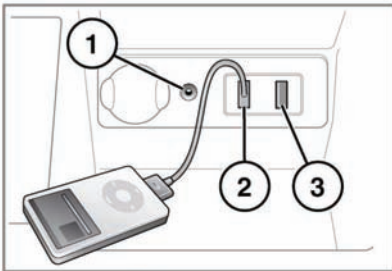
Note: iPod and iPhone are registered trademarks of Apple Inc., registered in the U.S. and other countries.

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.

CONNECTING A DEVICE

NOTICE

Always refit the rubber cover when a portable device is not plugged in. This prevents damage to the sockets. The cover is not waterproof.



E142991

1. 3.5 mm AUX socket.
2. iPod socket.
3. USB socket.
4. USB/iPod socket.
5. Rear media AV sockets.

Connect the device into the appropriate socket.

Note: Use the cable supplied with your media device to connect to the USB socket.

NOTICE

Read the manufacturer's instructions for any device, before it is connected to the audio system. Ensure that the device is suitable, and comply with any instructions regarding connection and operation. Failure to do so may result in damage to the vehicle's audio system or the auxiliary 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 connected when **My music** is selected, playback will continue from the point at which it was last playing.

NOTICE

Do not plug non-audio devices into the USB port.

Note: A USB hub cannot be used to connect more than one USB device to the audio unit.

Note: Devices connected to the USB ports will be charged, but devices that are fully discharged will not play.

Note: Options such as **Repeat** and **Mix** relate to the device currently playing, they will not apply to any subsequent device.

Portable media

The 3.5mm AUX socket allows additional equipment (e.g. personal stereos MP3 player, hand-held navigation unit, etc.) to be connected to the audio system.

Note: *iPod shuffle may be connected via the AUX socket.*

Note: *On vehicles fitted with rear seat entertainment, additional Audio/Visual sockets are provided. This allows auxiliary equipment (such as a video game console) to be linked to the rear DVD screens. For installation information, please refer to the manufacturer's instructions.*

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.

NOTICE

Jaguar does not recommend the use of a Hard Disc Drive via the USB link while the vehicle is in motion. These devices are not designed for in car use and may be damaged.

CONNECTING MULTIPLE DEVICES

NOTICE

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 **132, BLUETOOTH® INFORMATION**.

Note: *The process of pairing and connecting your media device with the vehicle, using the media device, will vary depending on the type of media device*

1. Switch on the ignition and ensure the touch screen is active.
2. From the Home menu, select **Audio/Video**, then **My music +**.
3. A menu will appear. Select **Search new**.
4. Select **Device to vehicle** option.

Note: *The vehicle's Bluetooth® system is only discoverable for 3 minutes.*

5. Using the media device, search for Bluetooth® devices. On some media devices, this is referred to as new paired device. See your media device's operating instructions for further information.
6. When the vehicle's Bluetooth® system is discovered, follow the on-screen instructions. Select **Yes** when prompted, to confirm the pairing.

Either your device or the vehicle system will ask for a PIN (Personal Identification Number). When prompted, enter a PIN of your choice and select **OK** to confirm.

7. Enter the same PIN into the other device.
8. Once your device is paired and connected to the system, a confirmation message will be displayed, before switching to the **My music**, Bluetooth® screen.

***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 USING THE TOUCH SCREEN

For further information on Bluetooth®, see **132, BLUETOOTH® INFORMATION**.

1. Switch on your device's Bluetooth® connection. Make sure that it is in Bluetooth® discoverable mode, sometimes referred to as find me mode (see your device's operating instructions for more information).
2. Switch on the ignition and ensure the touch screen is active.
3. From the home menu, select **Audio/Video**, then **My music**.
4. A menu will appear. Select **Search new**.
5. Select **Vehicle to device**.
6. Identify your device from the displayed list and select the corresponding **Pair and connect** option.

***Note:** If more than 5 devices are detected, it may be necessary to use the scroll bar to see the entire list.*

7. When prompted, enter the PIN (Personal Identification Number) code into your device. See your device's operating instructions for more information.

8. Once your device is connected to the system, a confirmation message will be displayed, before switching to the **My media**, Bluetooth® view.

***Note:** Due to the duration of a Bluetooth® search, it is advised that the time-out to home screen feature is switched off before attempting to search for Bluetooth® devices. This setting can be changed within **Set-up, Screen, Time out home**.*

LOSS OF CONNECTION

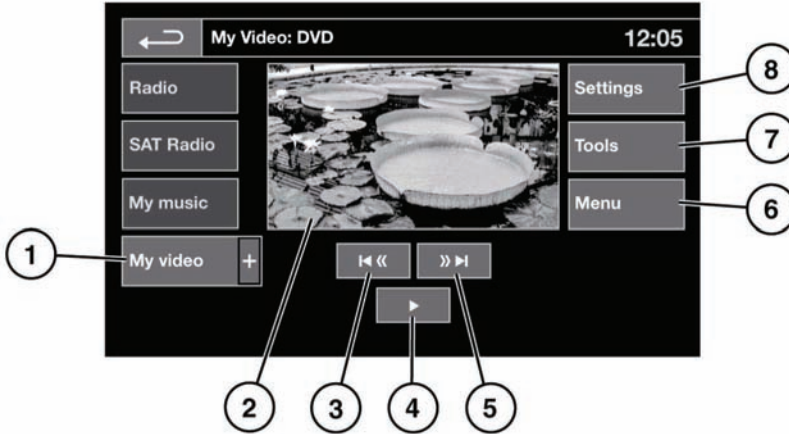
If a loss of connection between the vehicle and the Bluetooth® device occurs, a pop-up is displayed. Select **Reconnect** to automatically restore the connection. A confirmation pop-up will appear before the touch screen reverts to its previous mode.

CHANGING/DISCONNECTING A DEVICE

1. From the playback control menu, select **Settings**.
2. From the **Settings** menu, select **Register**.
3. Select **Disconnect**. A confirmation pop-up will appear and then you will be given the option to **Search new** or select a different device from the list of paired devices.

Video media player

VIDEO MEDIA PLAYER CONTROLS



E143043

⚠ WARNING

Do not adjust the touch screen, or allow the system to distract the driver, while the vehicle is moving. Driver distraction can lead to accidents, causing serious injury or death.

1. My video: Video input selection.

Touch **My video +** to view and select DVD or other forms of video media (CD/USB), provided the relevant media is present. The selected option will be displayed.

Note: After 5 seconds without use, the My video menu will close.

2. Preview screen for video media information: Touch to select full screen mode.

Short touch the screen again to view the controls at any time.

To return to preview mode, touch and hold the full screen view.

3. Settings: Depending on the video media specification, there are 2 sub-menus within settings: **Options**, **VOD** (Video On Demand) and **Audio settings**.

VOD allows playing of DivX VOD content from a video media. The eight digit registration code will be displayed when the VOD soft key is touched.

The player must also be registered with DivX.

4. Tools: The following options can be selected:

- **GOTO:** The GOTO menu allows you to access specific parts of the video, by **Chapter** or **Title number**.
- Subtitles.
- Angle.
- Audio.
- Top menu.

5. Menu: Select to view the Video media menu. On some screens this may be replaced by a **Browse** soft key.

6. Seek up: Select to view the next DVD chapter or previous chapter of the video media.

7. Select to pre-stop playback. A second touch will stop and reset the DVD.

8. Select to start/restart play.
9. Seek down: Select to view the previous DVD chapter or previous chapter of the video media.

Note: For information on the use of the audio/video controls on the audio unit and steering wheel, see **107, AUDIO/VIDEO CONTROLS**.

VIDEO MEDIA INHIBIT WITH VEHICLE MOVING

When the vehicle is moving the video picture will automatically be inhibited. The touch screen will display the **My video** screen and the relevant safety message will be displayed.

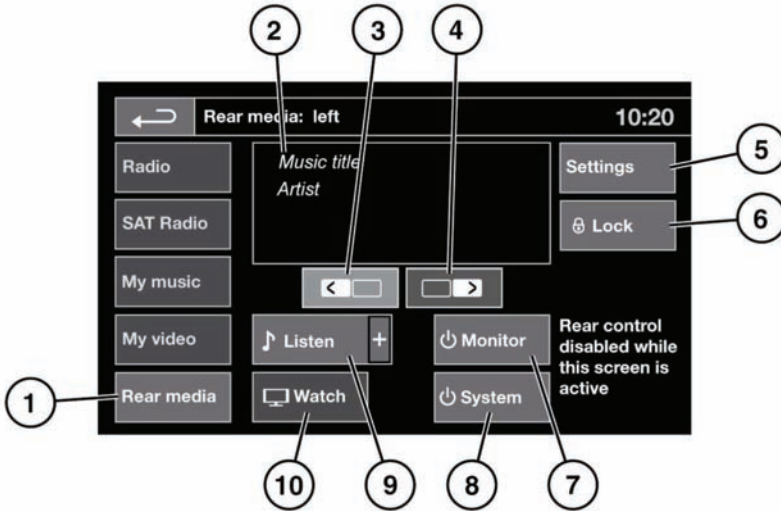
FULL SCREEN VIEW

When full screen mode is selected, the seek controls operate in the same manner as they do in preview mode.

Use the relevant soft key to select the **4:3, 16:9** or **Zoom** option to magnify the picture.

Rear media

REAR MEDIA CONTROL FROM THE TOUCH SCREEN



E143139

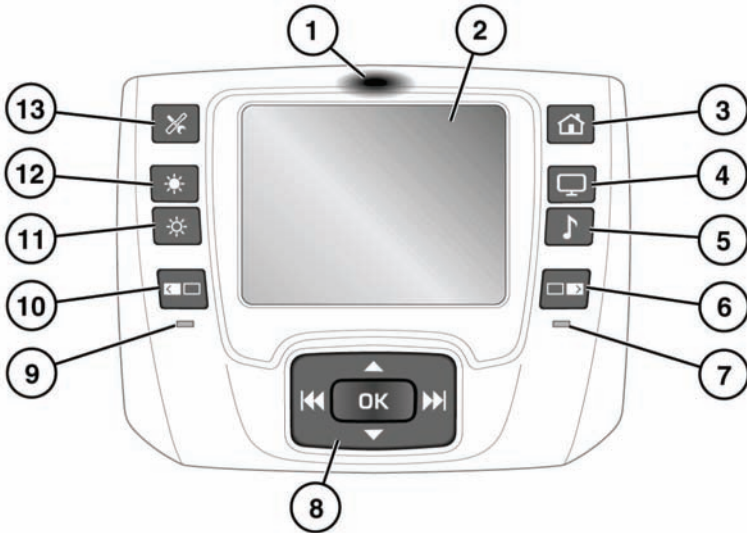
⚠ WARNING

Do not adjust the main audio unit's controls or allow the system to distract the driver while the vehicle is moving. Driver distraction can lead to accidents causing serious injury or death.

1. Select rear media.
2. Current media display.
3. Left screen select.
4. Right screen select.
5. Settings screen.
6. Remote control lock.
7. Turns the selected screen on/off.
8. Rear media on/off, for the selected user.
9. Audio source select.
10. Video source select.

Note: When the main rear media control screen is displayed on the touch screen, the rear media remote control will be locked out.

REAR MEDIA REMOTE CONTROL



E141080

Note: The rear media remote control communicates via infra-red and must be pointed towards the receiver in the rear screen.

1. Press to undock remote control.

NOTICE

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.

REAR MEDIA SETTINGS

The rear media settings screen allows Limousine Mode.

When **Limousine Mode** is on, the rear passengers will have control of the total cabin audio system via the remote control.

USING RSE

The system is operated using the remote control. The remote is removed from the arm rest by pressing the top of the remote to unlatch it.

NOTICE

Do not attempt to pull the remote control out of its docked position.

Rear media

When the system is activated the remote control touch screen becomes active.



E142186

Use the left/right screen select keys on the rear media remote control, or the front touch screen controls, to allow further 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.

HEADPHONES

The volume control for each set of headphones is adjusted on the headphones.

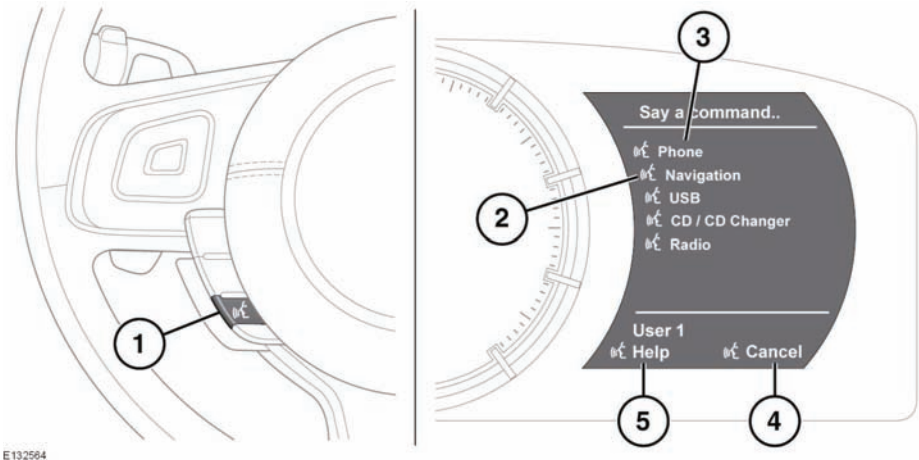
REAR MEDIA REMOTE CONTROL BATTERY

The remote control battery is automatically recharged while the remote is docked. The battery should only be changed or removed by a Dealer/Authorized Repairer.

USING VOICE CONTROL

Note:

The voice system has been designed to recognise a number of languages. However, Jaguar cannot guarantee the system will be compatible with every accent group within those languages. Please speak to your Dealer/Authorized Repairer about testing the Voice System for compatibility with a particular accent group.



⚠ WARNING

Do not allow the telephone, navigation or touch screen systems to distract the driver while the vehicle is moving. Driver distraction can lead to accidents causing serious injury or death.

1. Voice button: Press briefly to start a voice session. A pop up will appear on the touch screen. 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 and a tone to sound before using the command.

3. Command list: Appears on the pop up panel, providing feedback and available commands at each stage of the voice session. 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. When displayed, say **Cancel** to cancel the current voice session.
5. When displayed, say **Help** to get assistance during a voice session.

Note: The currently selected user (User 1 or User 2) is identified at the bottom of the command list.

Voice control

Note: If a listed item is longer than the available space on the menu, ...> will appear. Use the seek controls on the steering wheel to view the entire entry. See **107, AUDIO/VIDEO CONTROLS.**

VOICE TUTORIAL

To listen to a tutorial detailing the operation of the Voice system:

1. Briefly press the Voice button to start a voice session.
2. Wait for the tone to sound, then say **Voice tutorial**.

Alternatively, the tutorial can be selected using the touch screen, as follows.

1. Select **Setup** from the touch screen Home menu.
2. Select **Voice** from the Setup menu.
3. Select **Operating guide** from the Voice settings menu.
4. Select **Voice tutorial**.

The voice tutorial can be cancelled at any time by touching 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:

1. Select **Setup** from the Home menu.
2. Select **Voice** and from the Setup menu.
3. Select **Voice training** from the Voice settings menu.
4. Select **User 1** or **User 2**, to start the training.
5. Follow the on-screen and audible instructions.

The training session can be cancelled at any time by touching the on-screen pop-up or by pressing and holding the Voice button.

VOICETAGS

Voicetags enable the user to personalize 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:

1. Briefly press the Voice button to start a Voice session.
2. Wait for the tone to sound then say **Phone, Navigation or Radio**.
3. Say **Store voicetag**.

Alternatively, Voicetags can be managed via the touch screen as follows:

1. Select **Setup** from the Home menu.
2. Select **Voice** from the Setup menu.
3. Select **Voicetags** from the Voice settings menu.
4. Select the system which the Voicetag is to activate (**Phone, Navigation, Radio or SAT 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:

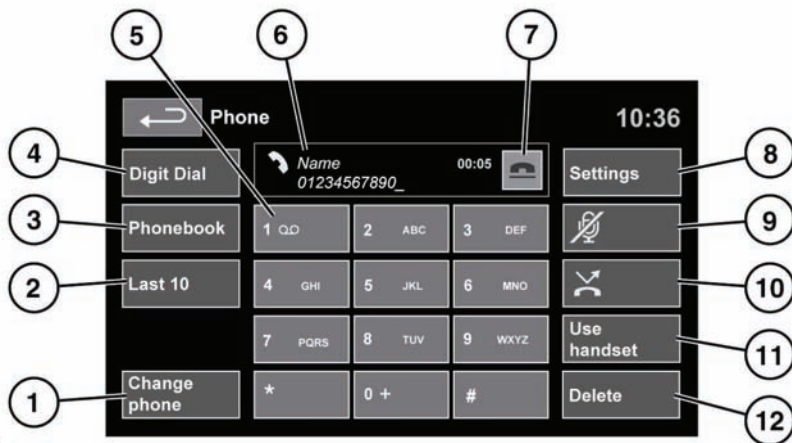
Say **Navigation**, followed by the name of the desired POI category from the following list:

- **Navigation (Gas Station | Gas)**
- **Navigation Parking**
- **Navigation Jaguar Dealer**
- **Navigation Hospital**
- **Navigation Police Station**
- **Navigation Golf Course**
- **Navigation Tourist Information**
- **Navigation (Restaurant | I'm Hungry)**
- **Navigation Shopping Mall**
- **Navigation Hotel**
- **Navigation Rest Area**
- **Navigation City Center**
- **Navigation ATM**

E133579

Icons will appear on the navigation display, indicating the locations of the selected POI. For further information about POIs, see **147**, **CATEGORIES AND SUB-CATEGORIES**.

TELEPHONE SYSTEM OVERVIEW



E141184

⚠ WARNING

Do not adjust the main audio unit's controls, or allow the system to distract the driver, while the vehicle is moving. Driver distraction can lead to accidents, causing serious injury or death.

- 1. Change phone:** Search new or change to another paired phone.
- 2. Last 10:** Access the last 10 dialed, received and missed calls.
- 3. Phonebook:** Access the downloaded phonebook.
- 4. Digit Dial:** Access Digit Dial mode.
- 5.** Touch and hold to retrieve your Voice mail.
- 6. Status display:** Displays the name and/or number dialed and call duration.
- 7. Call Connect/Disconnect icons:** Touch to send/accept or end/reject a call.
- 8. Settings:** Access Voice mail set up, Answer options and Phone options.

- 9. Mute microphone:** Initiate Privacy mode. While selected, the caller will not hear you talking.
- 10. Auto reject:** When active, any incoming calls will be rejected or diverted to voice mail (depending on cell phone settings).
- 11. Use handset:** Switch the call to your cell phone.
- 12. Delete:** Touch to delete the last entered digit, and hold to delete the whole entered number.



PHONE hard button: Press for shortcut to touch screen Phone menu (applicable to Bluetooth® wireless technology phones only).

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** wireless technology system supports **Bluetooth** Hands-Free Profile (HFP) Advanced Audio Distribution Profile (A2DP) and Audio Video Remote Control Profile (AVRCP).

***Note:** HFP and A2DP/AVRCP profile 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 making use of the vehicle's **Bluetooth** wireless technology phone system, your **Bluetooth** wireless technology phone must be paired and connected to the vehicle system. This is done using one of two methods; via your phone to the vehicle or from the touch screen to your phone. If one of these methods is not successful, try the other option.

Each time the ignition is switched on, the system will attempt to connect with the last connected phone.

As cell phones have a wide range of audio and echo characteristics, it may take a few seconds for the vehicle system to adapt and deliver optimum audio performance. To achieve this, it may be necessary to reduce the in-vehicle volume and ventilation fan speed slightly.

TELEPHONE SAFETY

⚠️ WARNING

Even when using the Bluetooth hands-free feature, use of your cell phone while you are driving is dangerous, as it diverts attention from the traffic situation. If you wish to use your cell phone, stop at an appropriate place where you are not endangering or inconveniencing other vehicles.

⚠️ WARNING

Drivers should only talk on their cell phones when it is safe to do so and when such use will not distract the driver from the road.

⚠️ WARNING

Drivers should never text message while driving. Texting while driving diverts attention from the road and can lead to accidents, causing serious injury or death.

⚠️ WARNING

Switch off your cell phone 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 vapor (such as an open vehicle hood), chemicals or metal dust. The cell phone could trigger an explosion, or cause a fire.

⚠️ WARNING

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.

⚠️ WARNING

Always stow your cell phone securely. In an accident, loose items can cause injury.

The Health Industry Manufacturers' Association recommends that a minimum separation of 6 inches (15 centimetres) 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.

TELEPHONE COMPATIBILITY

Please refer to the Ownership section of the Jaguar website at www.jaguar.com, for a list of compatible phones.

Note: The **Bluetooth®** wireless technology equipped phones listed, 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.

If the cell phone supports **Bluetooth** Hands Free Profile 1.5 (HFP 1.5), additional features will be displayed on the vehicle touch screen, such as battery meter, signal strength and network operator.

PAIRING AND CONNECTING USING THE PHONE

Note: The process of pairing and connecting the phone with the vehicle, will vary depending on the type of cell 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 **Search new**.
4. Select **Device to vehicle** option.

Note: The vehicle's **Bluetooth®** system is discoverable for only 3 minutes.

5. Using the cell phone, search for **Bluetooth** wireless technology devices.

On some phones, this is referred to as new paired device. See your phone's operating instructions for further information.

6. When the vehicle's **Bluetooth** wireless technology system is discovered, follow the on-screen instructions. Select **Yes** when prompted, to confirm the pairing.

Either the phone or the vehicle system will ask for a PIN (Personal Identification Number). When prompted, enter a PIN of your choice and select **OK** to confirm.

7. Enter the same PIN into the other device.
8. 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 cell phones require the **Bluetooth** wireless technology pairing to be set as 'authorized' or 'trusted' in order to automatically connect. Please refer to your phone's operating instructions for further information.

PAIRING AND CONNECTING USING THE TOUCH SCREEN

1. Switch on the cell phone's **Bluetooth®** wireless technology connection using the phone's menu. Make sure that the cell phone is in **Bluetooth** wireless technology discoverable mode, sometimes referred to as find me mode (see the phone's operating instructions for more information).
2. Switch the ignition on and ensure the touch screen is active.
3. From the home menu select **Phone**.
4. A menu will appear. Select **Search new**.
5. Select **Vehicle to device** option.
6. 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.
7. When prompted, enter the PIN code into your phone. See your phone's operating instructions for more information.

- Once your phone is paired and connected to the system, a confirmation message will be displayed before switching to the **Digit Dial** screen.

Note: Due to the duration of a **Bluetooth** wireless technology search, it is advised that the timeout to home screen feature is switched off before attempting to search for **Bluetooth** wireless technology devices. This setting can be changed from within the vehicle **Setup** menu, accessed from the touch screen Home menu.

CHANGING THE CONNECTED PHONE

Up to 10 cell 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:

- From the home menu, select **Phone**.
- A menu will appear. Select **Change phone**.
- Identify the and select your phone from the displayed list.
- 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. Use to send or accept a call and access last 10 calls list.



Disconnect. Use to end or reject a call.



No phone connected.



Phone signal strength indicator.



Phone battery level indicator.



Bluetooth®. Indicates that a Bluetooth wireless technology device is connected.



Tick. Indicates that a Bluetooth wireless technology device is paired.



Voicemail. Press and hold to dial the stored voicemail number.



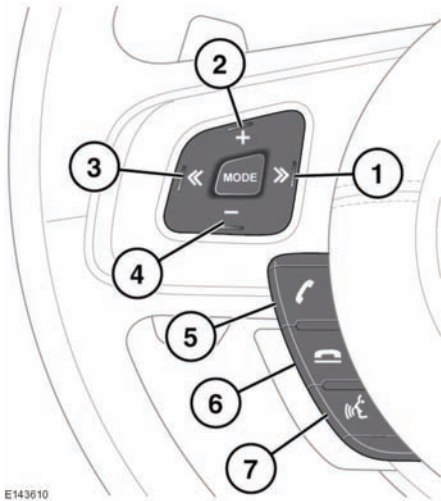
Scroll bar up arrow. Use to scroll up lists of detected phones, calls or phonebook entries.



Scroll bar down arrow. Use to scroll down lists of detected phones, calls or phonebook entries.

Telephone

STEERING WHEEL CONTROLS



E143610

1. Press to scroll to last 10 list and received calls.
2. Increase volume when in a call, scroll up a displayed list or number listed for stored contact.
3. Press to scroll back through received calls, last 10 list and finally to exit list.
4. Decrease volume when in a call or scroll down a displayed list or number listed for stored contact.
5. Press to answer an incoming call. Press to end a call. Press and release to dial a number/contact. Press and release to access last 10 dialed list. Press and hold to access phonebook list view.
6. Disconnect switch. Press to end or reject a call.
7. Voice control talk button.

Note: When scrolling through a phonebook or last 10 list, each contact is also displayed in the message center.

CALL VOLUME

The phone call volume is operated by the audio system's volume control.

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.

PHONEBOOK

Contacts stored in the memory of a paired phone can be automatically downloaded to the vehicle's phonebook each time the phone is connected to the system. See **134**, **TELEPHONE COMPATIBILITY**.

Certain cell phones store the phonebook in two different areas, the SIM card and the phone memory. The vehicle system will access only those numbers stored in the phone memory.

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 **List** to view the phonebook.
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.

Note: It may be necessary to use the scroll bar to see the entire list.

There are also options to view more contact information, by selecting the corresponding **i** key.

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:



Default.



Cell phone.



Home.



Work.

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

This device complies with Industry Canada Standard 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 the dealer 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 Retailer/Authorized Repairer 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.

The requirements of national Road Traffic Regulations always apply.

Observation of traffic signs and local traffic regulations always take priority.

The navigation system serves solely as an aid to navigation. In particular, the navigation system cannot be used as an aid to orientation when visibility is poor.

GPS signals may occasionally be interrupted due to physical barriers such as tunnels and roads under raised highways.

However, direction and speed sensors on the vehicle will minimise any adverse effect on the navigation system. Normal operation will resume once the obstruction has been passed.

Under certain conditions it is possible for the vehicle position shown on screen to be incorrect. This may happen when:

- Driving on a spiral ramp in a building.
- Driving on or beneath elevated roads.
- Two roads are close and parallel.
- The vehicle is transported to another destination.
- After the vehicle is rotated on a turntable.
- After vehicle battery disconnection.

Navigation system

USING THE NAVIGATION SYSTEM

⚠WARNING

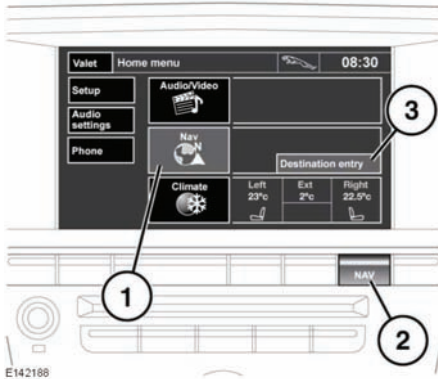
In the interests of safety, only operate, adjust or view the system when it is safe to do so.

⚠WARNING

The navigation system is not a substitute for driving safely, with due care and attention. Drivers should not assume that a feature will correct errors in judgement in driving. The navigation system may not function properly in all circumstances.

⚠WARNING

Do not allow the system to distract the driver while the vehicle is moving. Driver distraction can lead to accidents causing serious injury or death.



From the **Home menu** touch the **Navigation** soft key (1). Alternatively, press the **NAV** shortcut button on the fascia (2). A **CAUTION** screen will be displayed.

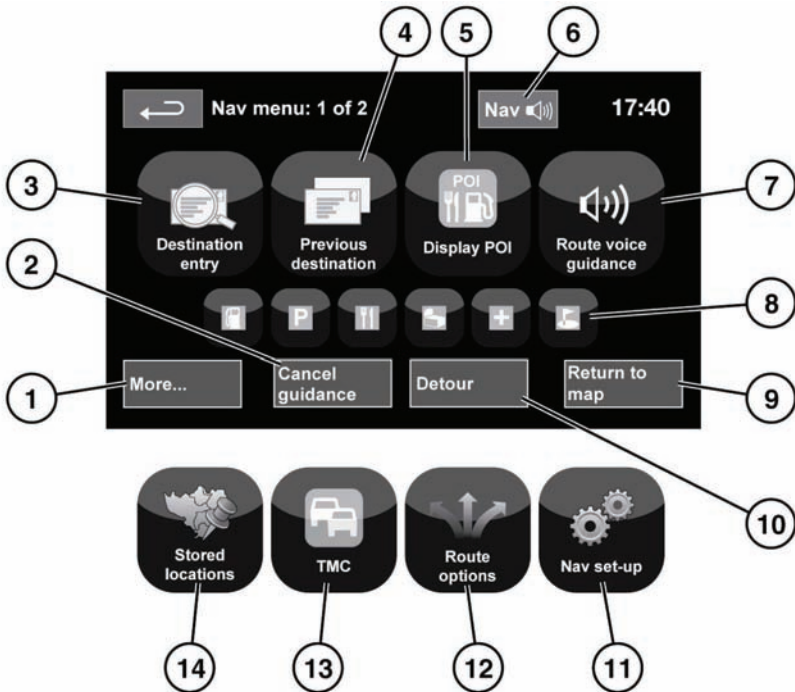
If the navigation screen language has not been set, select **Language**, and touch **OK** to confirm. The **CAUTION** screen will return.

After touching **Agree**, the touch screen will display the previously displayed map view. This will show the current vehicle position. Touch the **Nav menu** soft key to display the main menu screen.

At this point, the first time user should set up personal preferences in the **Nav set-up** area. These settings are applied whenever navigation is used.

For a short-cut to set a destination, press **Destination entry** (3). The Destination entry menu will be displayed after pressing **Agree** on the **CAUTION** screen.

MAIN MENU



E141771

⚠ WARNING

Do not adjust the touch screen controls, or allow the system to distract the driver, while the vehicle is moving. Driver distraction can lead to accidents, causing serious injury or death.

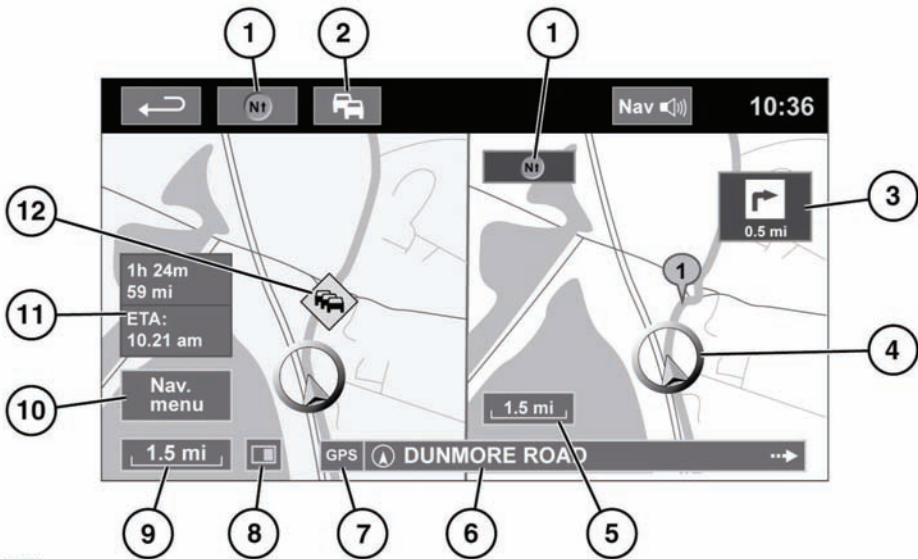
1. **More...:** Displays the other Nav menu screen.
2. **Cancel guidance:** Cancels current route guidance.
3. **Destination entry:** Provides a choice of options for entering a destination.
4. **Previous destination:** Displays previous destinations entered.
5. **Display/Hide POI:** Turns the POI (Point Of Interest) icons on the map on/off.
6. When a destination is set, the Jaguar logo is replaced by a soft key which enables the last voice instruction to be repeated.
7. **Route voice guidance:** Allows the voice guidance messages to be turned off for the current journey. The soft key is highlighted while voice guidance is enabled.
8. **POI shortcuts:** Touch icon to list available POIs close to the vehicle position.
9. **Return to map:** Advances to the main map screen.
10. **Detour:** Allows a detour from the current route.

Navigation system


- 11. Nav set-up:** Settings for the navigation system.
- 12. Route options:** Allows selection of various options for the route.

- 13. 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.
- 14. Stored locations:** Manages the stored locations.

MAP SPLIT SCREEN



- 1.** Compass. Press to select: north up, heading up or bird's eye map style.
- 2.** TMC (Traffic Message Channel) signal. Without a diagonal bar, a signal is being received; with a diagonal bar, a signal is not being received.
- 3.** Next direction display. When intersection map view has been switched off, touch icon to view again.
- 4.** Current vehicle position and direction.
- 5.** Right map view, scale/zoom setting.
- 6.** Current location.
- 7.** GPS signal indicator.
- 8.** Screen selection.
- 9.** Left map view, scale/zoom setting.
- 10.** Opens Navigation menu 1 of 2 screen.
- 11.** Distance/time to destination.
- 12.** TMC event (traffic congestion).

 Touch to close the Intersection and Highway junction view. The previously displayed map is shown after closing.

MAP AUTO ZOOM

Map zooms in automatically when approaching an intersection or freeway junction.

1. From the map screen, touch the left map view, scale/zoom soft key.
2. Touch the **Auto zoom** soft key. The soft key will be highlighted when auto zoom is enabled.

SCREEN MODES

Touch the screen mode selection key 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.



Shows list of turn directions on the right half screen.



Guidance screen: Shows detailed view of the next junction on highway or intersection view on non-highway roads, in the right half of screen.



Highway information: This view is only available when traveling on a highway. It displays automatically to show remaining highway exits along your route.

To turn off the Guidance or Highway information screens, proceed as follows:

1. From the **Nav menu**, touch **More....**
2. Select **Nav set-up**.
3. Touch **User settings**.

4. Touch **Guidance screen** or **Highway information** to deselect the option.
5. Touch **Ok** to confirm.

SEARCH AREA

The navigation map database is divided into States and Provinces, called search areas. When setting a route, the destination (or waypoint) being entered, must be in the currently selected search area.

Before attempting to set a destination or waypoint, set the correct search area as follows:

1. Select **Destination entry** from the main navigation menu.
2. Touch **More....**
3. Touch **Search area**.
4. Scroll through the list and select the letter code that corresponds to the desired destination area.
5. Select **OK**. The destination entry menu is shown and the information window shows the currently selected search area.

SETTING A DESTINATION

1. After touching Agree, the initial map screen is displayed, now touch Nav menu.
2. From the Navigation Menu, touch **Destination entry**.
3. Touch **Address** from the **Destination** screen and input the town name or zipcode.
4. Once sufficient letters have been entered, touch **Ok** or **List** to display all the possible towns.
5. If necessary, use the scroll arrows to the left of the list to search up or down. Select the town you require.

Navigation system

6. Now enter the road name. Once sufficient letters have been entered, touch **Ok** or **List** to display all the possible roads.
7. Select the road you require. Enter the house number of the address (if known) then touch **Ok** to confirm.
8. If the house number is not known, select **Ok**, the mid-point of the road is then used as the destination.
9. The map screen showing the selected destination details is displayed. Touch **GO** to calculate the default quick route, or **Review route** for alternative routes.
10. Touch **GO** to start trip.

START GUIDANCE

After selecting a **Destination**, the system will calculate the route.

1. There is now a choice to select **3 Routes**, **Change route** or select **GO**, to start navigation guidance.
2. Touch **3 Routes** to display a choice of 3 different route options on the map. The roads on the map are drawn in 3 different colors to highlight each route. EcoRoute helps you find the most fuel efficient route available. A display of 3 leaves indicates the most fuel efficient route.
3. Select route **1**, **2** or **3** by touching the respective box displayed on the right side of the map.
4. Touch **Change Route** followed by **Route prefs.** to change the route settings. Press **OK** followed by **Calculate route** for changes to take effect.
5. When you have made your selection, if any, touch **GO**

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.

AVOID POINTS

When calculating a route, an area to avoid can be set and stored.

1. From the **Nav menu**, select **Stored locations**.
2. Select **Avoid points**.
3. Select **Add**.
4. Select the location of area to avoid from the **Destination entry** menu. Touch **Ok** to activate the view where the size of the area to avoid can be set.
5. Touch **Ok** to activate the area to avoid. The size of the area can be adjusted.
6. Touch **Ok**, the area to avoid is now set and stored.

To edit or delete an area to avoid from the stored list.

1. From the **Nav menu**, select **Stored locations**.
2. Select **Avoid points**.
3. From the sub menu, select **Edit** or **Delete**.

EASY ROUTE

In Route options, Easy Route can be turned On or Off.

When **On** is selected, **Easy Route** changes the calculation parameters of **Route 3** in order to reduce:

- Junctions.
- Turns.
- Turns that cross traffic.
- The priority of minor roads.
- Complex junctions and maneuvers.

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 3 times, then the system will memorize the deviation and offer that as the normal route from then on. Select **Reset all routes** to delete any learnt routes and return to the default settings.

VOICE GUIDANCE

To turn voice guidance on or off but maintain route guidance, proceed as follows:

1. Touch **Nav Menu** on the navigation screen.
2. Touch the **Route voice guidance** soft key. The soft key will be highlighted when voice guidance is enabled.

CANCEL ROUTE GUIDANCE

To cancel route guidance, proceed as follows:

1. Touch **Nav menu** on the navigation screen.
2. Touch the **Cancel guidance** soft key.

QUICK POI SELECTION

1. Touch the Map to display the additional options
2. Touch the **Point of interest (POI)** soft key.
3. The screen shows 6 suggested categories, 5 of which can be selected as quick points of interest.
4. Select a Quick POI category, or touch **More** to see further POIs. Touch **Ok** to confirm a selection.
5. The map with the POI icon(s) is displayed. Scroll the map to the POI icon, then touch **Set destination** to set and calculate route.
6. Touch **GO** to start trip.

RESTORE SYSTEM DEFAULTS

From the navigation menu, select Nav set-up. If you have made any changes to the system's default settings, use this menu to restore the original settings.

FAVORITES

This enables you to manage destinations such as, place of work, home, favorite restaurant.

From the favorites sub menu in stored locations, you can save up to 400 stored favorites.

Use favorites to add your home address as a stored favorite.

1. From the **Nav menu**, select **Stored locations**.
2. Touch **Favorite**.
3. To store a favorite, select **Add** from the submenu.
4. Select any destination entry method and confirm desired location.

FAVORITES DETAILS

1. From the **Stored locations** menu, select **Favorite**.
2. Select **Edit** or **Delete**.
3. Touch the selected favorite to display the details.
4. Select the chosen detail to edit. Details include: Attribute, Name, Phone number, Location and Icon.

HOME

1. From the Nav menu, select Stored locations.
2. Touch **Home location**.
3. To store a home location, select **Add** from the submenu.

Navigation system

4. Select any destination entry method to set your home location. Touch **Ok** to confirm.
5. Touch **Ok** from the favorite summary, home location is now set.

EMERGENCY

Not all countries have this facility.

1. Touch **Emergency** on the **Destination entry** screen to display a list of local police stations, hospitals or Jaguar Dealerships.
2. Press **Name** to display the list in alphabetical order or **Distance** to display the list in order of proximity to the current vehicle location.
3. Touch the name of the facility to set it as a destination or waypoint.

MAP

Scroll the map to the area of your destination or waypoint, zooming in if required.

This location can be stored as a favorite, destination or waypoint.

COORDINATES

From the navigation menu, select **Destination entry**. Select **More...** and then **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

1. From the **Nav menu**, touch **Previous destination**.
2. Touch your previous destination from the list. The map showing the selected destination is displayed.
3. Touch **GO** to start trip.

HIGHWAY

1. From the Nav menu, touch Destination entry.
2. Touch **More....**
3. Touch **Highway Entry/Exit**.
4. Enter the highway name or number, or select from **List**.
5. Touch **Entrance** or **Exit**.
6. Enter the entrance or exit name for the chosen highway, or select from **List**. The map showing the selected highway and junction is displayed.
7. Touch **GO** to start trip.

POINTS OF INTEREST (POI)

1. From the **Nav menu**, touch **Destination entry**.
2. Touch **More....**
3. Touch **Point of interest**.
4. Touch **POI name** and touch **Ok** to confirm.
5. Enter POI name, or select from **List**.
6. Alternatively, choose **Category** to see all categories of POI and make your selection. See **147, CATEGORIES AND SUB-CATEGORIES**.
7. To narrow the search area, touch **Town** to enter a town name

8. Once the POI has been selected, the map showing the selected destination is displayed.
9. Touch **GO** to start trip.

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.*

Note: *POI icons can only be displayed up to the ½ mile (1 km) zoom level.*

LOCAL POI SEARCH

Use to select points of interest close to the vehicle position.

1. From the **Nav menu**, touch **Destination entry**.
2. Touch **More....**
3. Touch **Point of interest**.
4. Touch **POI near current** and touch **Ok** to confirm.
5. Select POI category, if required select again from sub-category and touch **Ok** to confirm.
6. Touch **Show List** or **Select Category** to make further selections.
Note: *Up to 5 categories can be chosen to select a POI from.*
7. Select your POI destination from the list. The map showing the selected destination is displayed.
8. Touch **GO** to start trip.

DEALER LOCATIONS

Details of Jaguar Dealers are held on the Navigation System as a point of interest category. See **147, LOCAL POI SEARCH**.

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.

Touch the desired category, then choose desired sub-categories.

MY POI

Additional POIs can be downloaded and added to the list. Free POIs can be found on the internet.

Connect a USB device containing the POIs. See **121, CONNECTING A DEVICE**.

Note: *POIs must be in GPX format.*

1. From the **Nav menu**, touch **More....**
2. Select **Stored locations**.
3. Touch **My POI**.
4. Select **Add** to individually select each POI group to be downloaded. Select **Edit** to change **Name**, **Icon** or **Sound icon**. Or select **Delete**.

RBDS-TMC OVERVIEW

Radio Data System-Traffic Message Channel (RBDS-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.

TMC events ahead on route can be displayed by touching the **Events ahead** soft key. TMC can be set to display on the map for all events, for major events or can be switched off. During route calculation, it can be set to avoid TMC events along the route.

Navigation system

RBDS-TMC DISPLAY

When a TMC signal is received the icon along the top 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 reported 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.

The information regarding the hold-up is maintained and updated even if the vehicle crosses into another country.

RBDS-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.

This data is stored in the system for up to 30 minutes.

The color of the TMC icon changes in order to show the type and priority of a TMC event. The background color 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.

-  Incident (Red star)
-  Traffic congestion ahead (Red arrow)
-  Moving traffic congestion, both lanes (Red double arrow)
-  Slow traffic ahead (Yellow arrow)
-  Slow traffic both lanes (Yellow double arrow)
-  Information (Yellow circle)
-  Incident (Yellow star)

Note: Single arrow icons indicate that the traffic event affects traffic traveling in the direction of the arrow. Double arrows indicate that both directions are affected.

If the map is scrolled to any of the above events, further details are available and are indicated as one of the following icons.

-  Closed road
-  Special warning (orange triangle)



Danger (red triangle)



Stationary traffic



Congestion



Delay



Diversion



Contraflow (reversible lane)



Event



Height width limit

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 waypoint. 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 5 minutes and if the new route is not rejected, then the vehicle will stay on the current route.

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Fuel and refueling

SAFETY PRECAUTIONS

DANGER

Do not smoke, use a naked flame or cause sparks while refueling. The resulting fire and/or explosion may cause serious injury or death.

WARNING

Avoid exposing the gasses to any potential sources of ignition as the resulting fire and explosion may cause serious injuries and/or death.

WARNING

Switch off the engine when refueling, as it is both a source of extreme temperatures and electrical sparks. Failure to do so may cause a fire or explosion.

WARNING

Switch off any personal electronic devices such as mobile phones, or music players. They have the potential to trigger an explosion or a fire.

WARNING

Do not overfill the fuel tank. Overfilling may cause spillage when the vehicle is driven. Spillage may also occur if the fuel expands in high ambient temperatures.

NOTICE

Do not use leaded fuels, lead substitutes or fuel additives.

NOTICE

Fuel system cleaning agents should not be used, unless approved by Jaguar. Unapproved products may be harmful to fuel system components on your vehicle.

NOTICE

Only use high quality fuel. Using lower quality fuels can damage the engine, fuel and emission control systems.

OCTANE RATING

Premium unleaded gasoline with a Cost of Living Council (CLC) or Anti Knock Index (AKI) octane rating of 91 or higher should be used.

NOTICE

Even a very small amount of leaded fuel will damage your vehicle's emission control system and could invalidate the emissions warranty. In addition, leaded fuel will damage the oxygen sensors in the fuel injection system and also seriously damage the catalytic converter.

Note: Federal law requires that gasoline octane ratings be posted on the pumps.

Using unleaded fuel with a lower than recommended octane rating, can cause a persistent, heavy engine knock (a metallic rapping noise). If severe, this can lead to engine damage.

Note: Mid or regular grade gasoline with a CLC or AKI octane rating of not lower than 87 may also be used, but performance and fuel economy will be reduced.

If heavy knock is detected, even when using fuel with the recommended octane rating, consult your Dealer/Authorized Repairer to have the problem corrected. Failure to do so is misuse of the vehicle, for which Jaguar cars is not responsible.

Note: An occasional light engine knock when accelerating or climbing hills is acceptable.

ETHANOL

NOTICE

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 fuels 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

NOTICE

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.

REFORMULATED GASOLINE

Fuels specially formulated to further reduce vehicle emissions are available from some petroleum companies. Jaguar recommends the use of reformulated gasoline where available.

RUNNING OUT OF FUEL

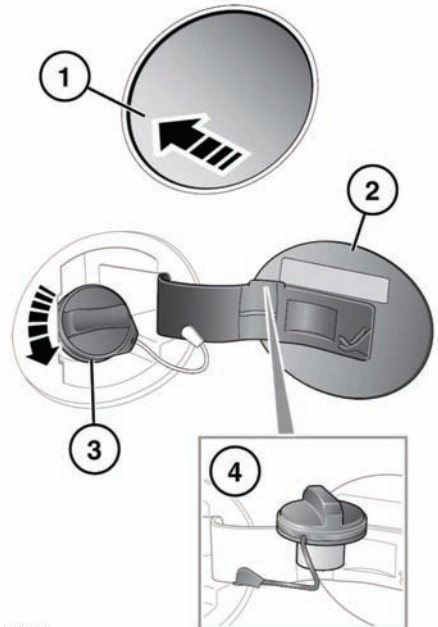
NOTICE

Avoid running out of fuel.

If the vehicle does run out of fuel, a minimum of 1.1 U.S. gallons (4 litres) will be required to restart the engine. The vehicle should be left with the ignition on for 5 minutes after refueling before attempting to restart the engine.

Note: *If the vehicle does run out of fuel, seeking qualified assistance is advisable.*

FUEL FILLER FLAP



E134357

The vehicle must be unlocked using the Smart Key before the filler flap can be opened.

1. Press and release the rear of the flap (in the area indicated) to unlatch.

Fuel and refueling

2. Pull the flap open. The label on the inside of the flap indicates the correct fuel for the vehicle.
3. Twist the cap anticlockwise to undo.
4. Stow the cap on the lip provided on the top of the hinge arm, as shown.

When replacing the cap, turn it clockwise until the ratchet clicks. Failure to do so may cause the Engine malfunction warning lamp to illuminate. If the warning lamp illuminates, ensure the cap is fitted properly.

To close the filler flap, push the flap until latched closed.

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

WARNING

Take note of all warnings and instructions given on the label affixed to the inside of the fuel filler flap. Failure to do so may result in injury or death.

WARNING

When refueling ensure that all windows, doors, and sunroof are fully closed, particularly if young children or animals are in the vehicle.

WARNING

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, potentially leading to a fire or explosion.

NOTICE

Check the fuel pump information carefully to ensure that you are putting the correct fuel into the vehicle.

NOTICE

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.

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 refueling 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)	21.1 U.S. gallons (80 liters)
Fill capacity (when fuel gauge reads empty)	19.5 U.S. gallons (74 liters)
Reserve capacity (when fuel gauge reads empty)	1.1 U.S. gallons (4 liters)

FUEL SPECIFICATION

Gasoline
Unleaded 91 Octane

PARTS AND ACCESSORIES

⚠ WARNING

The use of non-approved parts and accessories or carrying out non-approved alterations or conversions, may be dangerous and could affect the safety of the vehicle and occupants and also invalidate the terms and conditions of the vehicle warranty.

⚠ WARNING

Jaguar will not accept any liability for death, personal injury or damage to property which may occur as a result of the use of non-approved accessories or the carrying out of non-approved conversions to Jaguar vehicles.

NOTICE

Your vehicle is not designed for use with a roof rack. Do not fit a roof rack to the vehicle, as damage may result.

AIR BAG SYSTEM

⚠ WARNING

Certain components of this vehicle such as air bag modules and seat belt pretensioners may contain Perchlorate material - Special handling may apply for service or vehicle end of life disposal.

See: www.dtsc.ca.gov/hazardouswaste/perchlorate.

⚠ WARNING

The components that make up the air bag 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 air bag module.

To prevent malfunction of the air bag system always consult your Dealer/Authorized Repairer before fitting any of the following:

- Electronic equipment such as a mobile phone, two-way radio or audio 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 air bag system components, including the steering wheel, steering column, instrument or facia panels.
- Any modification to the facia panels or steering wheel.

OWNER MAINTENANCE

NOTICE

Any significant or sudden drop in fluid levels, or uneven tire 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 is normal.

WEEKLY CHECKS

- Engine oil level.
- Engine coolant check.
- Brake fluid level.
- Power steering fluid level.
- Windshield washer fluid level.
- Tire 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.*

ARDUOUS DRIVING CONDITIONS

When a vehicle is operated in severe or arduous conditions, more frequent attention must be paid to servicing requirements. Refer to your Passport to Service or contact your Dealer/Authorized Repairer for details.

SAFETY IN THE GARAGE

⚠ WARNING

If the vehicle has been driven recently, do not touch exhaust and cooling system components until the engine has cooled.

⚠ WARNING

Never leave the engine running when the vehicle is in a garage. Exhaust gases are poisonous and can cause unconsciousness and death if inhaled.

⚠ WARNING

Do not work beneath the vehicle with a jack as the only means of support.

⚠ WARNING

Keep your hands and clothing away from drive belts, pulleys and fans. Some fans may continue to operate after the engine has stopped.

⚠ WARNING

Remove metal wrist bands and jewellery, before working in the engine compartment.

⚠ WARNING

Do not touch electrical leads or components while the engine is running, or with the ignition switched on.

⚠ WARNING

Do not allow tools or metal parts of the vehicle to make contact with the battery leads or terminals.

FUEL SYSTEM

⚠ WARNING

Under no circumstances should any part of the fuel system be dismantled or replaced by anyone other than a suitably qualified vehicle technician.

⚠ WARNING

Ensure sparks and naked lights are kept away from the engine compartment.

⚠ WARNING

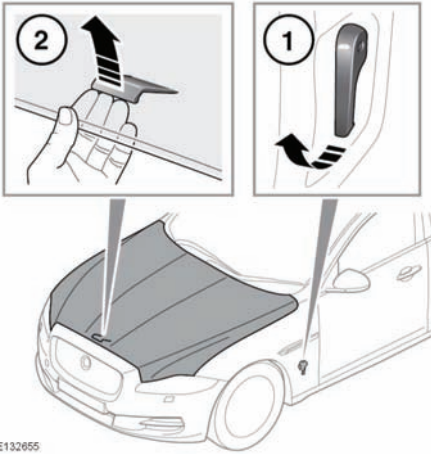
Wear protective clothing, including, where practicable, gloves made from an impervious material.

USED ENGINE OIL

NOTICE

Prolonged contact with engine oil may cause serious skin disorders, including dermatitis and cancer of the skin. Always wash thoroughly after contact.

OPENING THE HOOD



E132655

1. Pull the hood release handle located in the left-hand front footwell.
2. Lift the hood safety catch lever located below the center point of the hood, and raise the hood.

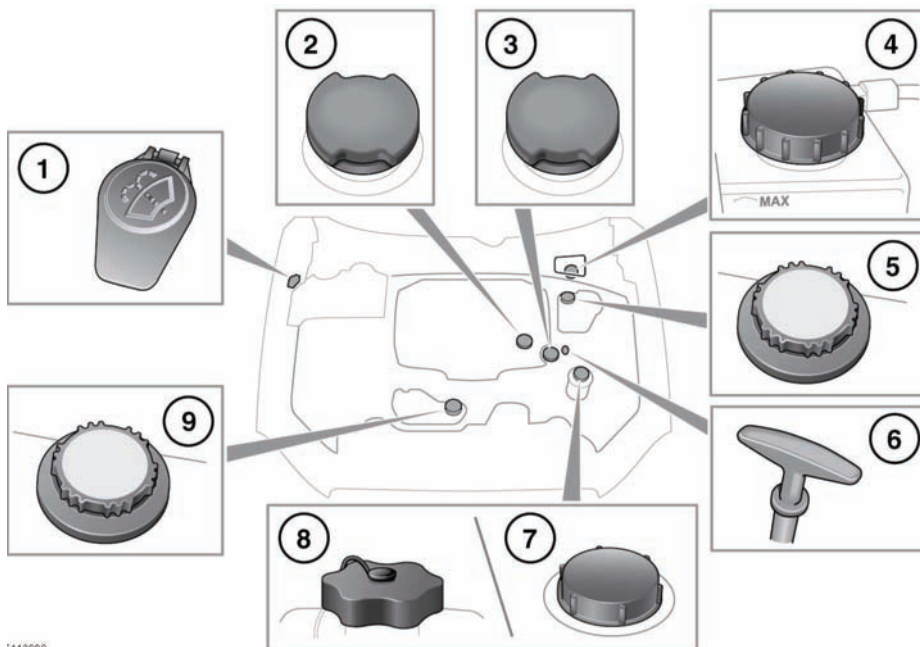
CLOSING THE HOOD

⚠WARNING

Do not drive with the hood retained by the safety catch alone.

1. Lower the hood until the safety catch engages. Using both hands, press the hood down until the catches click.
2. Check that both catches are fully engaged by attempting to lift both sides of the front edge of the hood. This should be free from all movement.

ENGINE COMPARTMENT OVERVIEW



:143908

1. Washer fluid.
2. Engine oil (3.0L engine).
3. Engine oil (5.0L engine).
4. Brake fluid.
5. Coolant (5.0L engine).
6. Engine oil dipstick (3.0L engine).
7. Power steering (5.0L engine).
8. Power steering (3.0L engine).
9. Coolant (5.0L engine).

⚠ WARNING

While working in the engine compartment, always observe the safety precautions. See 156, SAFETY IN THE GARAGE.

⚠ WARNING

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

⚠ CAUTION

Do not operate the washer jets during adjustment. Windshield washer fluid may cause irritation to the eyes and skin. Always read and observe the washer fluid manufacturer's 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

NOTICE

Always replace bulbs with the correct type and specification. If you are in any doubt, contact your Dealer/Authorized Repairer for advice.

NOTICE

Before attempting to replace a bulb, ensure that both the affected lamp and the vehicle's ignition are turned off. If the circuit remains live, a short circuit can occur which may damage the vehicle's electrical system.

XENON LAMPS

⚠ WARNING

High voltage is required to ignite the gas and metal vapor which are used to power Xenon lamps. Contact with this voltage can cause serious injury. Replacement or maintenance of Xenon lamps should only be carried out by suitably qualified personnel.

⚠ WARNING

Xenon lamp units operate at a very high temperature. To avoid burns or serious injury, ensure that the lamp units have cooled before attempting to touch them.



Seek advice about the correct disposal of Xenon lamp units from a Dealer/Authorized Repairer, or your local authority.

HEADLAMP BULB REPLACEMENT

NOTICE

Removal of the headlamp unit should only be attempted by a qualified technician. If in doubt, consult your Dealer/Authorized Repairer.

REAR LAMP REMOVAL

NOTICE

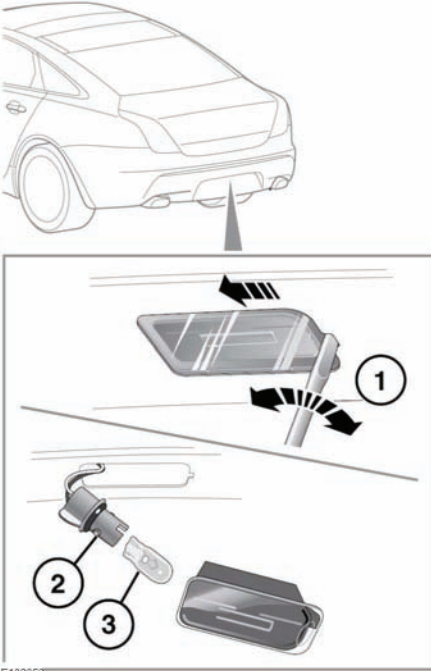
Removal of the rear lamp unit should only be attempted by a qualified technician. If in doubt, consult your Dealer/Authorized Repairer.

HIGH LEVEL BRAKE LAMP BULB REPLACEMENT

NOTICE

Removal of this lamp unit should only be attempted by a qualified technician. If in doubt, consult your Dealer/Authorized 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 counter-clockwise to access the bulb.
3. Pull to remove the bulb from the holder.

The specification for the replacement bulb is listed under **175, BULB SPECIFICATION**.

SUNROOF RESET

If the battery is disconnected, or the power supply is interrupted, while 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 is fully open, 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.

Reset 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, fire extinguisher is 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

NOTICE

Only use approved wheel cleaning products.

CLEANING THE EXTERIOR

NOTICE

Never use cleaning products that are not approved for use on vehicles.

NOTICE

Ensure that you read and comply with all warnings and product instructions supplied with any cleaning products.

NOTICE

Do not use a power wash system in the engine bay area as it may cause damage.

NOTICE

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.

Do not aim the water jet directly at any rubber gaiters or seals on suspension joints.

Ensure that the water jet nozzle is more than 11.8 in (300 mm) away from vehicle components.

WASHING THE VEHICLE PAINTWORK

NOTICE

Substances which are corrosive can damage the vehicle's paintwork. Any such deposits should be removed as soon as possible to prevent damage.

USING AN AUTOMATIC WASH

NOTICE

Commercially operated automatic car washes, jet washes and power-operated mops, are not recommended.

UNDER HOOD CLEANING

NOTICE

Do not use a high pressure washer or steam cleaner in the engine compartment.

NOTICE

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 GLASS

To avoid damaging the heating elements when cleaning the inside of the rear glass, 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 windshield wiper blades.

NOTICE

Ensure that after using methylated or white spirit, the area is washed immediately with soapy water, to remove all traces of spirit.

POLISHING

NOTICE

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

⚠ CAUTION

Some cleaning products contain substances that are harmful and can cause health problems if used incorrectly. They may also cause damage to the interior of the vehicle.

NOTICE

The steering wheel center pad and other areas containing air bags should only be cleaned sparingly with a damp cloth, warm water and a non-detergent soap.

CLEANING LEATHER UPHOLSTERY

NOTICE

Some materials are prone to dye transfer, which can cause unsightly discoloration of lighter colored leathers. Affected areas should be cleaned and re-protected as soon as possible.

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-colored 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 moisturize 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.

CLEANING FABRIC UPHOLSTERY

NOTICE

Never use soap, ammonia, bleach or other cleaners intended for use on hard surfaces.

NOTICE

Do not use upholstery cleaner on electrical equipment such as facia switches.

NOTICE

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.

CLEANING THE TOUCH SCREEN

NOTICE

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

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.

CLEANING THE SEAT BELTS

⚠ WARNING

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 while fully extended and do not allow the belts to retract until fully dry.

***Note:** While 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/Authorized Repairer.*

AIR BAG MODULE COVERS

⚠WARNING

Air bag covers should only be cleaned using a slightly dampened cloth, and a small amount of upholstery cleaner.

⚠WARNING

Any substance which enters the mechanism, can prevent correct deployment of an air bag during an impact.

CHECKING THE ENGINE OIL LEVEL

The engine oil level is not monitored when the engine is running and/or the vehicle is in motion.

NOTICE

Check the engine oil weekly. If any significant or sudden drop in oil level is noted, seek qualified assistance.

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 breaking-in if high speeds are sustained.

Prior to checking the oil level ensure that:

- The vehicle is on level ground.
- The engine oil has reached working temperature (oil is hot).
- The engine has been switched off for 10 minutes, as the system will not give an accurate reading until the oil level has stabilized.

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 control, see **63, INSTRUMENT PANEL MENU**.

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.



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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 Quart** or **Add 0.5 Liter**). 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 2.6 pints (1.5 liters) 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.

Fluid level checks

TOPPING UP THE OIL

NOTICE

Failure to use an oil that meets the required specification could cause excessive engine wear, a build up of sludge and deposits, and increase pollution. It could also lead to engine failure. Do not use low quality or obsolete oils.

NOTICE

Your vehicle warranty may be invalidated if damage is caused by using oil that does not meet the required specification.

NOTICE

Overfilling with oil could result in severe engine damage. Oil should be added in small quantities and the level re-checked to ensure that the engine is not overfilled.

NOTICE

Do not use oil additives of any type as engine damage could occur. Use only specified lubricants.

1. Unscrew the oil filler cap.
2. Add oil as indicated by the message center display.
3. Wait 5 minutes for the oil level to stabilize 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, see **171, LUBRICANTS AND FLUIDS**.

Jaguar recommends:

Castrol EDGE Professional



CHECKING THE COOLANT LEVEL

NOTICE

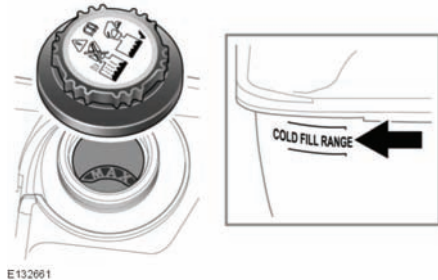
Running the engine without coolant will cause serious engine damage.

NOTICE

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 illustration.



If coolant/steam is expelled from the pressure cap, or the level has dropped suddenly, or by a large amount, arrange for the vehicle to be examined by a qualified technician as soon as possible.

If the message **LOW COOLANT LEVEL** is displayed in the message center, stop the vehicle as soon as safety permits and top-up the coolant reservoir with the recommended antifreeze/water mix.

If the message center displays the message **ENGINE OVERHEATING**, pull off the highway 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

WARNING

Never remove the filler cap when the engine is hot, as the reservoir will be pressurized. Coolant and steam can escape rapidly when the cap is removed, causing injury.

WARNING

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.

WARNING

Unscrew the filler cap slowly, allowing the pressure to escape before removing completely.

NOTICE

When traveling 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. For the coolant fluid specification, see **171, LUBRICANTS AND FLUIDS**.

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.

CHECKING THE BRAKE FLUID LEVEL

WARNING

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 center.

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.*

WARNING

Brake fluid is highly toxic - keep containers sealed and out of the reach of children. If accidental consumption is suspected, seek medical attention immediately.

Fluid level checks

⚠ WARNING

If the fluid comes into contact with the skin or eyes, rinse immediately with plenty of water.

⚠ WARNING

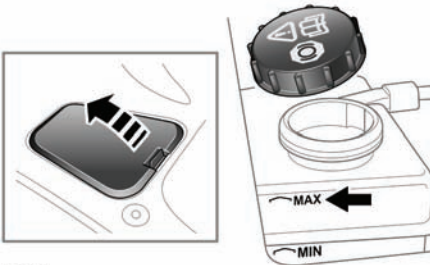
Brake fluid is highly inflammable. Do not allow brake fluid to come into contact with naked flames or other sources of ignition (e.g. a hot engine).

⚠ WARNING

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 under-hood area, see **158, ENGINE COMPARTMENT OVERVIEW**.



E133601

1. Release the catch.
2. Lift the cover forwards, then pull rearwards, to release the hinges.
3. Clean the filler cap with a clean, dry cloth before removing, to prevent dirt or moisture from entering the reservoir.
4. Remove the filler cap.

5. 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 FLUID

NOTICE

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.

NOTICE

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 with the specified brake fluid to at least the **MIN** mark, see **171, LUBRICANTS AND FLUIDS**.

NOTICE

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.

CHECKING THE POWER STEERING FLUID LEVEL

⚠ WARNING

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.

⚠ WARNING

If the fluid comes into contact with the skin or eyes, rinse immediately with plenty of water.

⚠ WARNING

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).

NOTICE

*The engine must not be started if the fluid level has dropped below the **MIN** mark.*

NOTICE

Seek qualified assistance immediately if there is a noticeable drop in the fluid level.

NOTICE

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

NOTICE

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.

NOTICE

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. Top-up the reservoir with the specified fluid until the fluid level is between the **MIN** and **MAX** marks, see **171, LUBRICANTS AND FLUIDS**.
4. Replace filler cap.

CHECKING THE WASHER FLUID LEVEL

⚠ WARNING

Some windshield washer fluids are highly flammable. Do not allow windshield washer fluid to come into contact with naked flames or sources of ignition as this can cause a fire or explosion.

⚠ WARNING

If the vehicle is operated in temperatures below 40°F (4°C), use a washer fluid with antifreeze protection. In cold weather, failure to use a washer fluid with frost protection could result in impaired vision and increase the risk of an accident.

Fluid level checks

NOTICE

Only use approved washer fluid.

NOTICE

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 windshield and headlamp washer jets.

Check and top-up the reservoir level at least every week, see **158, ENGINE COMPARTMENT OVERVIEW**.

Operate the washers periodically to check that the nozzles are clear and properly directed.

TOPPING UP THE WASHER FLUID

Note: National or local regulations may restrict the use of Volatile Organic Compounds (VOCs) which are commonly used as antifreeze agents in washer fluid. A washer fluid with limited VOC content should be used only if it provides adequate freeze resistance for all climates in which the vehicle is operated.

1. Clean the filler cap before opening to prevent dirt from entering the reservoir.
2. Open filler cap.
3. Top-up the reservoir with the specified washer fluid until the fluid is visible in the filler neck, see **171, LUBRICANTS AND FLUIDS**.
4. Close filler cap.

ENGINE SPECIFICATIONS

Data	3.0L (SC) engine	5.0L (NA) engine	5.0L (SC) engine
Number of cylinders	6	8	8
Displacement (cc)	2995	5000	5000
Firing order	1-4-2-5-3-6	1-5-4-2-6-3-7-8	1-5-4-2-6-3-7-8
Compression ratio	10.5:1	11.5:1	9.5:1

NA - Normally Aspirated, **SC** - Supercharged.

LUBRICANTS AND FLUIDS

Part	Engine variant	Specification
Engine oil	3.0L	SAE 5W-30 engine oil meeting specification WSS M2C913-C is preferred. Oil meeting ACEA A1/B1 or ACEA A3/B3 specification may be used.
	5.0L	SAE 5W-20 meeting specification WSS M2C925-A only.
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.
Washer fluid	All vehicles	Screen wash with frost protection, diluted with clean water as specified on the bottle.
Engine coolant fluid	All vehicles	50% mixture of water and antifreeze, specification WSS M97B44 (colored orange) Extended Life Coolant.

If in doubt about the required specification of a lubricant or fluid for your vehicle, seek advice from your Dealer/Authorized Repairer.

Technical specifications

WEIGHTS

Variant	Vehicle weight from	Gross Vehicle Weight (GVW) ¹	Maximum front axle load ²	Maximum rear axle load ²
Standard wheelbase				
3.0L Petrol (SC)	3869 lbs 1755 kg	5115 lbs 2320 kg	2491 lbs 1130 kg	2800 lbs 1270 kg
3.0L Petrol (SC) AWD	4086 lbs* 1853.5 kg	5269 lbs* 2390 kg	0 lbs* 0 kg	0 lbs* 0 kg
5.0L Petrol (NA)	3902 lbs 1770 kg	5093 lbs 2310 kg	2491 lbs 1130 kg	1250 lbs 2756 lbs
5.0L Petrol (SC)	4277 lbs 1940 kg	5214 lbs 2365 kg	2568 lbs 1165 kg	2756 lbs 1250 kg
Long wheelbase				
3.0L Petrol (SC)	3891 lbs 1765 kg	5148 lbs 2335 kg	2491 lbs 1130 kg	2756 lbs 1250 kg
3.0L Petrol (SC) AWD	4101 lbs* 1860 kg	5269 lbs* 2390 kg	0 lbs* 0 kg	0 lbs* 0 kg
5.0L Petrol (NA)	3957 lbs 1759 kg	5148 lbs 2335 kg	2491 lbs 1130 kg	2756 lbs 1250 kg
5.0L Petrol (SC)	4321 lbs 1960 kg	5269 lbs 2390 kg	2601 lbs 1180 kg	2756 lbs 1250 kg
Max. luggage compartment load (all vehicles): 77 lbs (35 kg).				
The maximum permitted luggage compartment load can be exceeded, provided the requirements regarding the maximum permissible axle weights and tire pressures are followed.				
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, AWD - All Wheel Drive.

Note: This vehicle is not designed to be used as a towing vehicle, therefore a Gross Train Weight is not applicable.

* Provisional figures and figures not available when the book went to press.

WARNING

Do not exceed the vehicle capacity weight (the total weight of driver, passengers and cargo) given on the tire information label.

Steps for determining the correct load limit:

1. Locate the statement "The combined weight of occupants and cargo should never exceed XXX kg or XXX lbs" on your vehicle's placard.

2. Determine the combined weight of the driver and passengers that will be riding in your vehicle.
3. Subtract the combined weight of the driver and passengers from XXX kg or XXX lbs.
4. The resulting figure equals the available amount of cargo and luggage load capacity. For example, if the “XXX” amount equals 1400 lbs. and there will be five 150 lb. passengers in your vehicle, the amount of available cargo and luggage load capacity is 650 lbs.
(1400 - 750 (5 x 150) = 650 lbs).
5. Determine the combined weight of luggage and cargo being loaded on the vehicle. That weight may not safely exceed the available cargo and luggage load capacity calculated in Step 4.

The number and weight of passengers will affect the cargo and luggage capacity. In the example above, the cargo and luggage load capacity is 650 lbs. However, if fewer passengers ride in the vehicle, the luggage load capacity will increase. If this vehicle carries three 150 lb passengers, the cargo and luggage load capacity will increase to 950 lbs:

(3 x 150 = 450 lbs, and 1400 - 450 = 950 lbs).

If the passengers weigh more, the cargo and luggage load capacity will decrease.

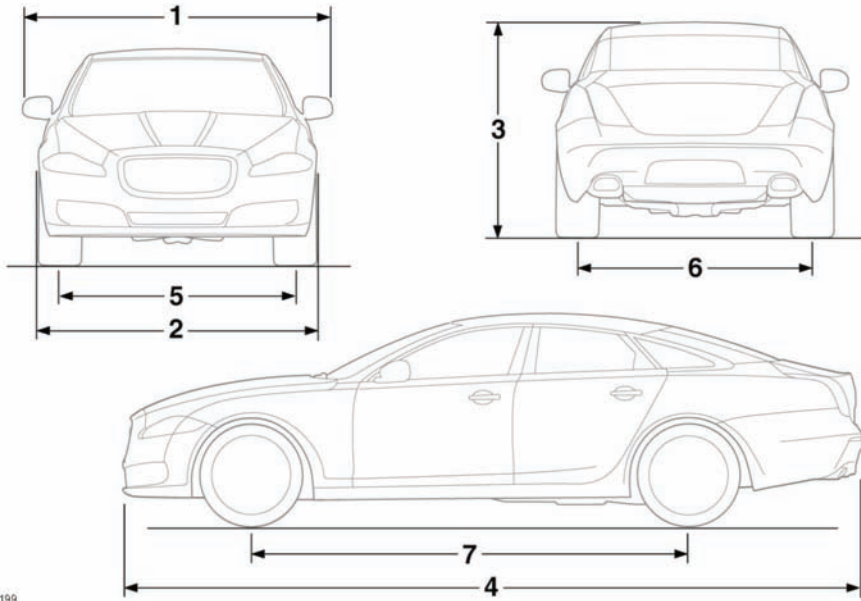
⚠ WARNING

The weight of accessories must also be subtracted from the cargo and luggage load capacity. If you are unsure of the weight of any accessories fitted to your vehicle, contact your Dealer/Authorized Repairer.

Overloading the vehicle will have an adverse affect on braking and handling characteristics, which could compromise your safety. Overloading a vehicle may also cause tire damage or failure. Never overload your vehicle.

Technical specifications

DIMENSIONS



E144199

Item	Description	inches (mm)
1	Width	82.9 (2105)
2	Width with mirrors folded	76.8 (1950)
3	Overall height	
	Long wheelbase	57.3 (1456)
	Standard wheelbase	57.4 (1457)
4	Overall length	
	Long wheelbase	206.8 (5252)
	Standard wheelbase	201.9 (5127)
5	Track - front	64.0 (1626)
6	Track - rear	63.1 (1604)
7	Wheelbase	
	Long wheelbase	124.3 (3157)
	Standard wheelbase	119.4 (3032)
-	Turning circle (curb to curb)	

Item	Description	inches (mm)
	Long wheelbase	40.35 feet/12.3 metres
	Standard wheelbase	39.04 feet/11.9 metres

CAPACITIES

Item	Variant	Capacity gallons/pints (liters)
Fuel tank (usable)	All vehicles	21.1 gallons (80)
Fuel tank reserve (when the fuel gauge indicates empty)	All vehicles	1.1 gallons (4)
Engine oil refill and filter change	3.0L (SC)	15.3 pints (7.25)
	3.0L (SC) AWD	13.7 pints (6.5)
	5.0L (NA and SC)	15.3 pints (7.25)
Washer reservoir	All models	11.6 pints (5.5)
Engine cooling system (fill from dry)	3.0L (SC)	28.5 pints (13.5)
	3.0L (SC) AWD	27.5 pints (13)
	5.0L (NA)	22.2 pints (10.5)
	5.0L (SC)	27.9 pints (13.2)
Engine cooling system (service fill)	3.0L (SC)	18.8 pints (8.9)
	3.0L (SC) AWD	19 pints (9)
	5.0L (NA)	17 pints (8)
	5.0L (SC) - both drain points used	19 pints (9)

The quoted capacities are approximate and provided as a guide only. All levels must be checked using the dipstick or level marks, as applicable.

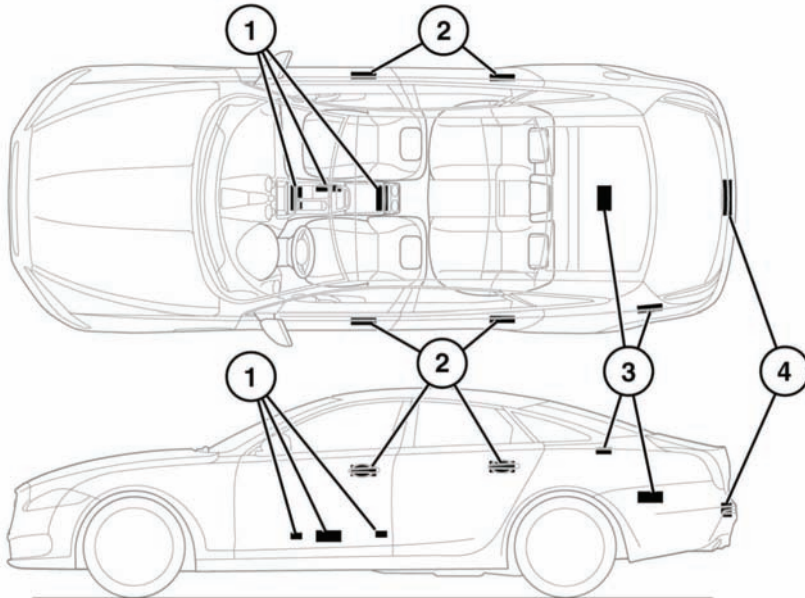
BULB SPECIFICATION

Lamp	Specification	Watts
License plate lamps	W5W	5

Note: All other lamps are non-serviceable. If any lamp should fail, consult your Dealer/Authorized Repairer.

Technical specifications

REMOTE KEY FOB TRANSMITTER LOCATIONS



E132064

1. Cabin transmitters.
2. Door handle transmitters.
3. Luggage compartment interior transmitters.
4. Luggage compartment exterior transmitter.

⚠ WARNING

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

Radio Frequency Spectrum Regulation Statement

USA

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

This device complies with Industry Canada Standard 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.

The key system transmitter radio frequency approval numbers for the USA and Canada are shown below:

USA FCC ID:	KOBJTF10B KOBJLR09A KOBJBG10A KOBJBG10B
Canada IC:	3521A-JTF10B 3521-JLR09A 3521-JBG10A 3521-JBG10B

Note: *The manufacturer is not responsible for any radio interference or TV interference caused by unauthorized modifications to this equipment. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.*

NOTICE

The Smart Key may suffer interference from other legal users of this radio frequency band, such as radio amateurs, medical equipment, remote controls or alarm systems. To lock or unlock the vehicle in such a situation, either use a key or operate the key transmitter as close to the security antenna as possible.

Vehicle battery

CALIFORNIA PROPOSITION 65 SECOND WARNING STATEMENT

WARNING

Battery posts, terminals and related accessories contain lead and lead compounds. Wash hands after handling.

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

DANGER

If swallowed, battery fluid can be fatal. Seek medical assistance immediately.

WARNING

If battery fluid comes into contact with your eyes, skin, or clothes you should remove the affected clothing and flush the skin/eyes with plenty of water. Seek medical assistance immediately.

WARNING

Do not connect any 12 volt equipment directly to the battery terminals. Doing so may cause a spark, which can result in an explosion.

WARNING

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.

WARNING

Do not expose the battery to a naked flame or spark as the battery produces explosive, flammable gas.

WARNING

Never jump start, boost, charge, or try to start a vehicle with a frozen battery. Doing so can result in an explosion.

WARNING

To prevent the chance of an electric shock, remove all metal jewelry before working on or near the battery, and never allow metal tools or vehicle components to come into contact with the battery terminals.

⚠ WARNING

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. Also see 178, CALIFORNIA PROPOSITION 65 SECOND WARNING STATEMENT.

NOTICE

Do not allow battery fluid to come into contact with fabrics or painted surfaces. If battery fluid comes into contact with any surface, the surface should be washed down immediately with plenty 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 fluid 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 JUMP LEADS

⚠ WARNING

Always wear appropriate eye protection when working with batteries.

Make sure both batteries are of the 12 volt type and that the jump leads have insulated clamps and are approved for use with 12 volt batteries.

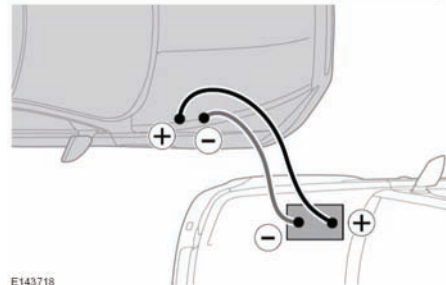
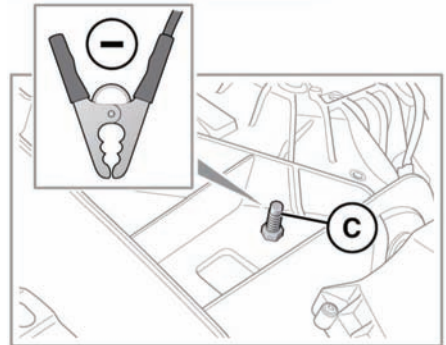
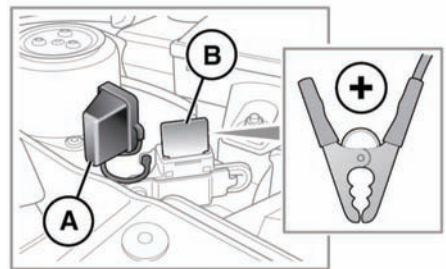
Do not disconnect the discharged battery.

Do not connect a jump lead to the negative (-) terminal of the battery. Always connect to the

recommended earthing point.

Ensure the bodywork of the donor and disabled vehicles do not touch.

Note: Before connecting jump leads, ensure that the battery connections on the disabled vehicle are correct and that all electrical equipment has been switched off. To access the luggage compartment when the battery is discharged, see 76, LUGGAGE COMPARTMENT RELEASE WHEN BATTERY IS DISCHARGED.



E143718

Vehicle battery

With the hood open and the engine cover removed (see **190, FUSE BOX LOCATIONS**):

1. Connect the positive jump lead (red) to the positive terminal on the donor vehicle's battery.
2. Remove the positive terminal cover (A) and connect the other end of the positive jump lead to the positive terminal (B).
3. Connect the negative jump lead (black) to the recommended jump starting earth point of the donor vehicle.
4. Connect the other end of the negative jump lead to the negative post (C).

NOTICE

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 2 minutes.
8. Switch off the donor vehicle.

DISCONNECTING JUMP LEADS

⚠ WARNING

To avoid serious injury use extreme caution when removing the jump leads 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 jump leads in the exact reverse order of that used for connection.

CONNECTING A STARTING AID

⚠ WARNING

Do not connect the starting aid to any battery terminal on your vehicle. Doing so may cause a spark, which can result in an explosion. It may also result in damage to the charging system.

To start the vehicle using a starting aid or a slave battery, follow the instructions in the sequence given.

1. Connect the positive (Red) cable to the positive terminal of the disabled vehicle.
2. Connect the negative (Black) cable to the negative terminal of the disabled vehicle.
3. Connect/switch on the starting aid.
4. Start the engine and allow it to idle.
5. Disconnect/switch off the starting aid.
6. Disconnect the negative (Black) cable from the negative terminal of the vehicle.
7. Disconnect the positive (Red) cable from the positive terminal of the vehicle.

CHARGING THE VEHICLE BATTERY

NOTICE

The battery must be disconnected and removed from the vehicle before charging.

NOTICE

Battery disconnection, removal and replacement, should only be carried out by qualified personnel. Consult your Dealer/Authorized Repairer.

REPLACING THE VEHICLE BATTERY

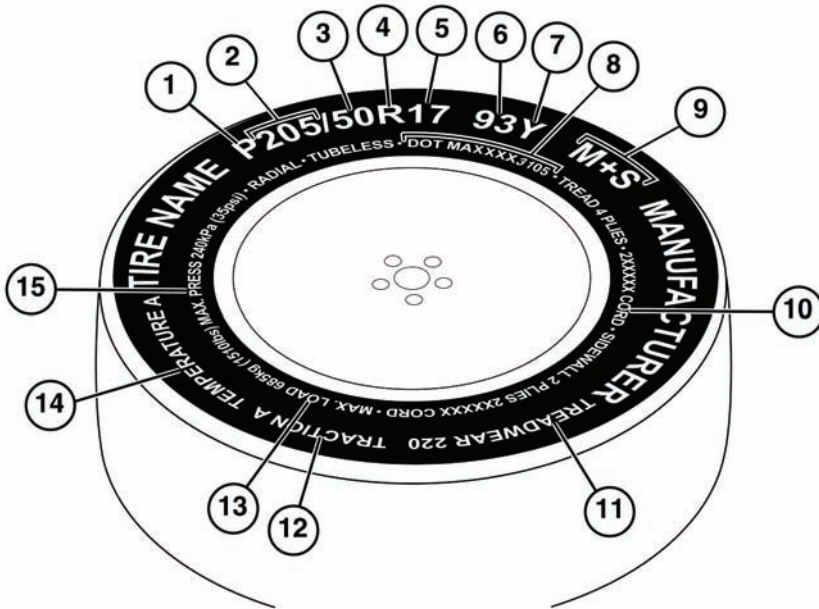
NOTICE

Battery disconnection, removal and replacement, should only be carried out by qualified personnel. Consult your Dealer/Authorized Repairer.



Used batteries must be disposed of correctly, as they contain a number of harmful substances. Seek advice from your Dealer/Authorized Repairer and/or your local authority.

TIRE MARKINGS



E133457

1. **P** indicates that the tire is for passenger vehicle use.
2. The width of the tire from sidewall edge to sidewall edge in millimetres.
3. The aspect ratio, also known as the profile, gives the sidewall height as a percentage of the tread width. So, if the tread width is 205 mm, and the aspect ratio is 50, the sidewall height will be 102 mm.
4. **R** indicates that the tire is of Radial ply construction.
5. The diameter of the wheel rim given in inches.
6. The load index for the tire. This index is not always shown.
7. The speed rating denotes the maximum speed at which the tire should be used for extended periods. See **183, SPEED RATINGS**.
8. **US DOT Tire Identification Number (TIN)**. This begins with the letters **DOT** and indicates that the tire meets all federal standards. The next two numbers or letters are the plant code where the tire was manufactured, the last 4 numbers are the date of manufacture. For example, if the number was 3108, the tire was made in the 31st week of 2008. The other numbers are marketing codes used at the manufacturer's discretion. This information can be used to contact consumers if a tire defect requires a recall.
9. **M+S** or **M/S** indicates that the tire has been designed with some capability for mud and snow.

10. The number of plies in both the tread area, and the sidewall area, indicates how many layers of rubber coated material make up the structure of the tire. Information is also provided on the type of materials used.
11. Wear rate indicator. A tire rated at 400 for example, will last twice as long as a tire rated at 200.
12. The traction rating grades a tire's performance when stopping on a wet road surface. The higher the grade the better the braking performance. The grades from highest to lowest are, **AA, A, B** and **C**.
13. The maximum load which can be carried by the tire.
14. Heat resistance grading. The tire's resistance to heat is grade A, B or C, with A indicating the greatest resistance to heat. This grading is provided for a correctly inflated tire, which is being used within its speed and loading limits.
15. The maximum inflation pressure for the tire. This pressure should not be used for normal driving.

SPEED RATINGS

Rating	Speed, mph (km/h)
Q	99 (160)
R	106 (170)
S	112 (180)
T	118 (190)
U	124 (200)
H	130 (210)
V	149 (240)
W	168 (270)
Y	186 (300)

TIRE CARE

WARNING

Do not drive the vehicle if a tire is damaged, excessively worn, or incorrectly inflated. A tire in such a condition may catastrophically fail and cause an accident.

WARNING

Avoid contaminating the tires with vehicle fluids as they may cause damage to the tire and cause a tire failure, which can result in an accident.

WARNING

Avoid spinning the wheels. The forces released can damage the structure of the tire and cause it to fail.

WARNING

If wheel spin is unavoidable due to a loss of traction (in deep snow, for example), do not exceed the 30 mph (50 km/h) point on the speedometer. Do not allow anyone to stand near, or directly behind a tire that might spin.

WARNING

Do not exceed the maximum pressure stated on the sidewall of the tire.

TIRE PRESSURES

Recommended tire pressures

Tire size	Tire pressure up to 155 mph (250 km/h)	High speed tire pressure up to 174 mph (280 km/h)
Front - 245/40R20	32 psi (2.2 bar, 220 kPa)	39 psi (2.6 bar, 268 kPa)
Rear - 275/35R20	32 psi (2.2 bar, 220 kPa)	39 psi (2.6 bar, 268 kPa)
Front - 245/40R20 All season	34 psi (2.3 bar, 234 kPa)	-
Rear - 275/35R20 All season	34 psi (2.3 bar, 234 kPa)	-
Front - 245/45R19 All tires	32 psi (2.2 bar, 220 kPa)	-
Rear - 275/40R19 All tires	32 psi (2.2 bar, 220 kPa)	-

⚠ WARNING

Never drive your vehicle if the tire pressures are incorrect. Under-inflation causes excessive flexing and uneven tire wear. This can lead to sudden tire failure. Over-inflation causes harsh ride, uneven tire wear and poor handling.

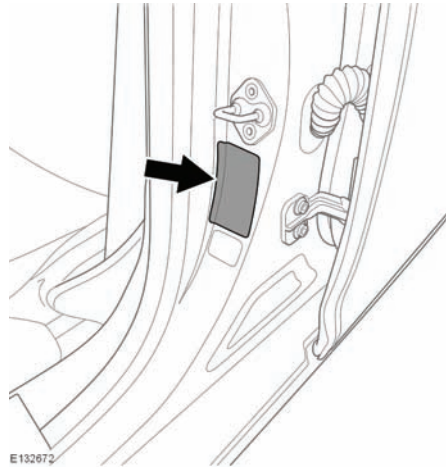
⚠ WARNING

Pressure checks should only be carried out when the tires are cold, and the vehicle has been stationary for more than three hours. A hot tire at or below recommended cold inflation pressure is dangerously under-inflated.

⚠ WARNING

If the vehicle has been parked in strong sunlight, or used in high ambient temperatures do not reduce the tire pressures. Move the vehicle into the shade and allow the tires to cool before re-checking the pressures.

TIRE PRESSURE LABEL (USA only)



A tire information label is located in the driver's door opening, giving information specific to the original wheel and tire equipment fitted to the vehicle.

These pressures provide optimum ride and handling characteristics for all normal operating conditions.

The label contains the following information:

- The maximum number of occupants, divided between the front and rear of the vehicle.

- The vehicle capacity weight, which includes the weight of the driver, passengers and cargo.
- Cold inflation pressures for the front, rear and spare tire.
- The size of the tires with which the vehicle was originally equipped.

Note: *The label must not be changed, even if different wheels are fitted at a later stage.*

TIRE VALVES

Keep the valve caps screwed down firmly to prevent water or dirt entering the valve. Check the valves for leaks when checking the tire pressures.

PUNCTURED TIRES

⚠ WARNING

Do not drive the vehicle with a punctured tire. Even if the punctured tire has not deflated, it is unsafe to use, as the tire may deflate suddenly at any time, potentially resulting in loss of control and an accident.

REPLACEMENT TIRES

⚠ WARNING

Always fit replacement tires of the same type, and wherever possible of the same make and tread pattern.

If the use of tires not recommended by Jaguar is unavoidable, ensure that you read, and fully comply with, the tire manufacturer's instructions. Failure to do so may lead to tire failure due to incorrect fitment or use.

Ideally, tires should be replaced in sets of 4. If this is not possible, replace the tires in pairs (front or rear). When tires are replaced, the wheels should always be re-balanced and alignment checked.

The correct tire specification for your vehicle can be found on the tire placard label.

PRESSURE COMPENSATION FOR AMBIENT TEMPERATURE CHANGES

A colder ambient local temperature will reduce pressure within the tire. An effect is to decrease sidewall height and to increase tire shoulder wear with the potential for tire failure. Vehicle dynamics could also be adversely affected.

Tire pressures can be adjusted to compensate before the start of the journey. Alternatively, tire 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 a least one hour before tire pressure is adjusted.

To compensate for colder ambient temperatures, tire pressures should be increased by 2 psi (0.14 bar, 14 kPa) for each 20°F (10°C) decrease.

Note: *Ensure that correct tire pressures are maintained when moving to areas of differing ambient temperature.*

AVOIDING FLAT SPOTS

In order to minimize flat spotting, the tire pressures can be increased to the maximum as stated on the tire sidewall, for the period when the vehicle is stationary. Tires must be returned to the specified running pressures before driving.

TIRE DEGRADATION

Tires degrade over time due to the effects of ultraviolet light, extreme temperatures, high loads, and environmental conditions. It is recommended that all tires, including the spare, are replaced at least every 6 years, but they may require replacement more frequently.

USING WINTER TIRES

Note: M+S (mud and snow) tires have a recognised level of winter performance and need not be replaced.



The M+S marking on the tire sidewall indicates an 'all season' tire designed for use all year round, including cold temperatures, snow and ice.

Note: *Dedicated winter tires often have a lower speed rating than the original equipment tires and the vehicle must therefore be driven within the speed limitation of the winter tire.*



This symbol identifies dedicated winter tires, which can be fitted if optimum winter traction is

required, or the vehicle is to be used in more extreme winter conditions.

Winter tires must be fitted to all 4 wheels.

For optimum traction, tires should be run in for at least 100 miles (160 kilometres) on dry roads prior to driving on snow or ice.

Use of dedicated winter tires may require a change of wheel size, depending on original choice of wheel. All 4 wheels must be changed.

If fitted with standard rubber valves, the Tire pressure monitoring system (TPMS) warning lamp will flash for 75 seconds and then remain illuminated. The message center will also display **TIRE PRESSURE MONITORING SYSTEM FAULT**.

When the original wheels and tires are refitted, the vehicle will need to travel a short distance to reset the TPMS and extinguish the warning lamp.

Do not exceed 150 mph (240 km/h) when using Jaguar approved winter tires.

Approved winter tires

Front:

245/45R19 102V Pirelli Sottozero Series II,
245/45R20 99V Pirelli Sottozero Series II.

Rear:

275/40R19 105V Pirelli Sottozero Series II,
275/35R20 102V Pirelli Sottozero Series II.

Tire pressures

Up to 150 mph (240 km/h)	
Front	32 psi (2.2 bar, 220 kPa)
Rear	32 psi (2.2 bar, 220 kPa)

USING SNOW CHAINS

NOTICE

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/Authorized Repairer for details and availability of approved snow chains.

The maximum speed when using snow chains is 30 mph (50 km/h).

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.*

ULTRA HIGH PERFORMANCE (UHP) TIRES

NOTICE

This vehicle is equipped with UHP tire and wheel combinations designed to provide maximum dry road performance with consideration for hydroplaning resistance. These low profile high speed rated tires may be more susceptible to damage from road hazards. UHP tires have performance enhancing soft rubber tread compounds, which when driven aggressively experience rapid tread wear and shorter life than less performance oriented tires.

NOTICE

These tires are not recommended for driving on snow or ice, and should be replaced with winter tires when weather conditions dictate.

UNITED STATES DEPARTMENT OF TRANSPORTATION

The following information relates to the tire grading system developed by the National Highway Traffic Safety Administration which will grade tires by tread wear, traction and temperature performance.

Note: *Tires that have deep tread and winter tires, are exempt from these markings requirements.*

UNIFORM TIRE QUALITY GRADING

Quality grades can be found where applicable on the tire sidewall between the tread shoulder and maximum section width.

For example: **Treadwear 200 Traction AA Temperature A.**

In addition to the markings requirements, passenger car tires must conform to Federal Safety Requirements.

TREADWEAR

The treadwear grade is a comparative rating based on the wear rate of the tire when tested under controlled conditions on a specified government test course. For example, a tire graded 150 would wear one and one-half (1.5) times as well on the government course as a tire graded 100.

The relative performance of tires depends upon the actual conditions of their use, however, and may depart significantly from the norm due to variations in driving habits, service practices and differences in road characteristics and climate.



E133477

When the tread has worn down to approximately 2 mm, wear indicators start to appear at the surface of the tread pattern. This produces a continuous band of rubber across the tread as a visual indicator.

Note: *Local legislation may determine a greater tread depth to that shown by the tire wear indicators. It remains the driver's responsibility to ensure the tread depth meets the local legal requirements. Do not rely on the tread wear indicators alone.*

⚠ WARNING

Wear indicators show the minimum tread depth recommended by the manufacturers. Tires which have worn to this point will have reduced grip and poor water displacement characteristics. This can lead to accidents causing serious injury or death.

NOTICE

If tread wear is uneven across the tire, or a tire wears excessively, the vehicle should be checked by your Dealer/Authorized Repairer as soon as possible.

TRACTION

The traction grades, from highest to lowest, are **AA, A, B,** and **C**. The grades represent the tire's ability to stop on wet pavement as measured under controlled conditions on specified government test surfaces of asphalt and concrete. A tire marked **C** may have poor traction performance.

⚠WARNING

The traction grade assigned to this tire is based on straight-ahead braking traction tests and does not include acceleration, cornering, hydroplaning, or peak traction characteristics.

TEMPERATURE

The temperature grades are **A** (the highest), **B,** and **C**, representing the tire's resistance to the generation of heat and its ability to dissipate heat when tested under controlled conditions on a specified indoor laboratory test wheel.

Sustained high temperature can cause the material of the tire to degenerate and reduce tire life, and excessive temperature can lead to sudden tire failure.

The grade **C** corresponds to a level of performance which all passenger car tires must meet under the Federal Motor Vehicle Safety Standard No. 109.

Grades **B** and **A** represent higher levels of performance on the laboratory test wheel than the minimum required by law.

⚠WARNING

The temperature grade for this tire is established for a tire that is properly inflated and not overloaded. Excessive speed, underinflation, or excessive loading, either separately or in combination, can cause heat buildup and possible tire failure.

TIRE GLOSSARY

Accessory weight: The combined weight (in excess of those items replaced) of items available as factory installed equipment.

Bead: The inner edge of a tire that is shaped to fit to the rim and form an air tight seal. The bead is constructed of steel wires which are wrapped, or reinforced, by the ply cords.

Cold tire pressure: The air pressure in a tire which has been standing in excess of 3 hours, or driven for less than 1 mile.

Curb weight: The weight of a standard vehicle, including a full tank of fuel, any optional equipment fitted, and with the correct coolant and oil levels.

Gross vehicle weight: The maximum permissible weight of a vehicle with driver, passengers, load, luggage and equipment.

kPa: Kilo Pascal, a metric unit of measure for pressure.

lbf/in² or psi: Pounds per square inch, an imperial unit of measure for pressure.

Maximum inflation pressure: The maximum pressure to which the tire should be inflated. This pressure is given on the tire side wall in lbf/in² (psi) and kPa.

Note: *This pressure is the maximum allowed by the tire manufacturer. It is not the pressure recommended for use.*

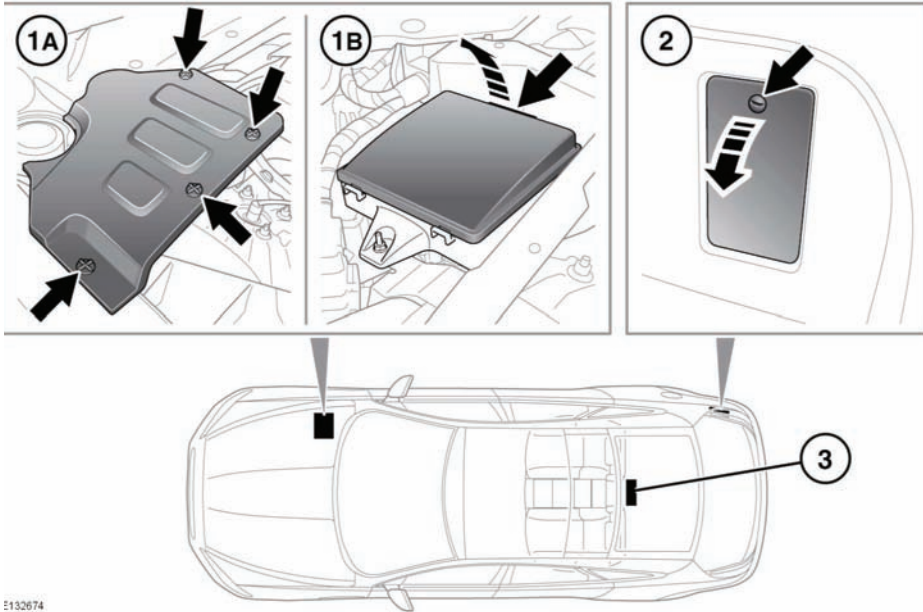
Maximum loaded vehicle weight: The sum of curb weight, accessory weight, vehicle capacity weight, plus any production option weights.

Production options weight: The combined weight of options installed which weigh in excess of 3 lb (1.4 kg) more than the standard items that they replaced, and are not already considered in curb or accessory weights. Items such as heavy duty brakes, high capacity battery, special trim etc.

Rim: The metal support for a tire, or tire and tube, upon which the tire beads are seated.

Vehicle capacity weight: The number of seats multiplied by 150 lb (68 kg) plus the rated amount of load/luggage.

FUSE BOX LOCATIONS



E132674

NOTICE

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. Engine compartment fuse box.
 - Undo the 4 turn-buckles and remove the engine cover to access the fuse box.
 - Remove fuse box cover.
2. Luggage compartment fuse box.
3. Passenger compartment fuse box.

The fuse box is accessed through a lift-up flap behind the rear center arm rest.

CHANGING A FUSE

NOTICE

Always turn off the ignition system and the affected electrical circuit, before replacing a fuse.

NOTICE

Fit Jaguar approved replacement fuses of the same rating and type, or fuses of matching specification.

NOTICE

If the replacement fuse blows after installation, the system should be checked by your Dealer/Authorized 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 fuses are located in the tool tray situated under the floor in the luggage compartment.

ENGINE COMPARTMENT FUSE BOX

Fuse No	Rating (amps)	Fuse Color	Circuit
F1	-	-	-
F2	10A	Red	DTML/Oil TMP/MAP
F3	25A	Clear	Ignition coils
F4	30A	Green	Power wash pump
F5	40A	Orange	EMS PWR
F6	40A	Orange	RH front screen heater and heated wiper
F7	30A	Green	TCCM (AWD)
F8	-	-	-
F9	10A	Red	Engine cooling fan/Purge valve/CPS/ASY
F10	5A	Tan	Air conditioning
F11	-	-	-
F12	20A	Yellow	HEGO & UHEGO Bank A
F13	20A	Yellow	HEGO & UHEGO Bank B
F14	5A	Tan	Adaptive cruise control
F15	20A	Yellow	MID bricks A&B (petrol)
F16	5A	Tan	S/C Intercooler water pump coil feed
F17	5A	Tan	Pinion motor monitor
F18	15A	Blue	Horn
F19	30A	Green	Starter
F20	40A	Orange	ABS pumps
F21	25A	Clear	ABS valve
F22	-	-	-
F23	-	-	-
F24	15A	Blue	S/C Intercooler water pump
F25	-	-	-
F26	40A	Orange	Wiper motor
F27	5A	Tan	Monitor
F28	15A	Blue	TCM memory

Fuses

Fuse No	Rating (amps)	Fuse Color	Circuit
F29	5A	Tan	DSC
F30	-	-	-
F31	-	-	-
F32	40A	Orange	LH heated screen
F33	-	-	-
F34	-	-	-
F35	100A	Black	TORN2/TORN-M6

PASSENGER COMPARTMENT FUSE BOX

Fuse No	Rating (amps)	Fuse Color	Circuit
F1	5A	Tan	RF-RX, IMS, TPMS.
F2	-	-	-
F3	-	-	-
F4	-	-	CAN Gateway module.
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 glass.
F16	-	-	GSM ignition.
F17	5A	Tan	KVM supply.
F18	5A	Tan	Fuel pump relay.
F19	5A	Tan	ECM.
F20	10A	Red	Heated steering wheel.

Fuse No	Rating (amps)	Fuse Color	Circuit
F21	5A	Tan	AC sensor, Front overhead console, Front dual climate control module and smog sensor.
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	Windshield 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	-	-	Rear seat enhancement.
F49	5A	Tan	RH headlamp motor.
F50	5A	Tan	LH headlamp motor.
F51	5A	Tan	Steering wheel switches.

Fuses

Fuse No	Rating (amps)	Fuse Color	Circuit
F52	20A	Yellow	Front cigar lighter.
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	-	-	TCCM supply.
F66	5A	Tan	OBD 2.
F67	-	-	-
F68	10A	Red	Satellite Radio, TVM.
F69	15A	Blue	HLDF.

LUGGAGE COMPARTMENT FUSE BOX

Fuse No	Rating (amps)	Fuse Color	Circuit
F1	40A	Orange	Electronic parking brake (EPB)
F2	-	-	-
F3	-	-	-
F4	-	-	- Chassis control module
F5	-	-	-
F6	30A	Green	Power trunk lid
F7	-	-	-
F8	30A	Green	Dual battery module

Fuse No	Rating (amps)	Fuse Color	Circuit
F9	-	-	-
F10	-	-	-
F11	25A	Clear	Front heated seat
F12	10A	Red	Seat movement logic and switch power
F13	10A	Red	Rear seat logic
F14	25A	Clear	Rear heated seat
F15	-	-	-
F16	10A	Red	Chassis control module
F17	10A	Red	CHCM VBATT2
F18	-	-	-
F19	30A	Green	Fuel pump, BCM LSD
F20	-	-	-
F21	10A	Red	HCM, Camera, AHD, LCMA, PAM, EC, Mirror
F22	10A	Red	ACC/CVD
F23	10A	Red	All wheel drive, Traction control module
F24	-	-	-
F25	5A	Tan	Air suspension module
F26	-	-	-
F27	-	-	-
F28	-	-	-
F29	-	-	-
F30	-	-	-
F31	40A	Orange	Power amplifier
F32	-	-	-
F33	40A	Orange	E-diff module
F34	40A	Orange	Front blower motor
F35	60A	Blue	QRB
F36	40A	Orange	Sun roof module
F37	40A	Orange	Air suspension
F38	60A	Blue	Air suspension control relay
F39	-	-	-

Wheel changing

WHEEL CHANGING SAFETY

Before raising the vehicle, or changing a wheel ensure that you read, and comply with the following warnings. Failure to do so may result in serious injury or death.

WARNING

Always find a safe place to stop, off the highway and away from traffic.

Always switch on the hazard warning lamps to alert all traffic of the obstruction.

Apply the parking brake, and engage Park (P). Turn the engine off and remove the Smart Key from the vehicle. Failure to do so can result in unexpected movement of the vehicle causing serious injury or death.

WARNING

Ensure that all passengers, and animals, are out of the vehicle and in a safe place away from the highway.

Always place a warning triangle at a suitable distance behind the vehicle, facing towards oncoming traffic.

WARNING

Ensure that the vehicle and jack are both on firm level ground. Do not jack the vehicle if it is over a metal grating or manhole cover.

Ensure that the front wheels are in the straight ahead position, and engage the steering lock.

WARNING

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.

WARNING

Remove the spare wheel prior to jacking the vehicle, to avoid destabilizing the vehicle when raised.

WARNING

Never place anything between the jack and the ground, or between 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.

Always position the jack from the side of the vehicle, in line with the appropriate jacking point.

Always use the complete jacking lever assembly throughout, to minimize any chance of accidental injury.

WARNING

WARNING - THAT NO PERSON SHOULD PLACE ANY PORTION OF THEIR BODY UNDER A VEHICLE THAT IS SUPPORTED BY A JACK.

Take care when lifting the spare wheel, and removing the punctured wheel. The wheels are heavy, and can cause injuries if not handled correctly.

Take care when loosening the wheel nuts. The wheel brace may slip off if not properly attached, and the wheel nuts may give way suddenly. Either unexpected movement may cause an injury.

Always ensure replacement tires have the correct rating and specifications (e.g. load index, size, speed rating) for your vehicle.

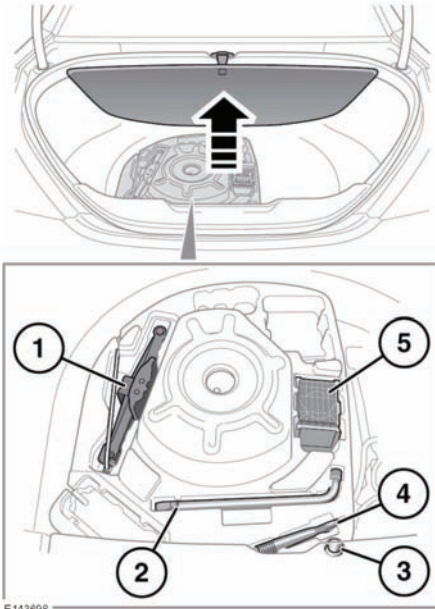
⚠ WARNING

Do not start or run the engine while the vehicle is supported only by a jack.

⚠ WARNING

After wheel changing, always secure tools, chocks, jack and replaced wheel in their correct storage positions. Such objects, if not properly stowed, can become flying missiles in a crash or rollover, potentially causing injury or death.

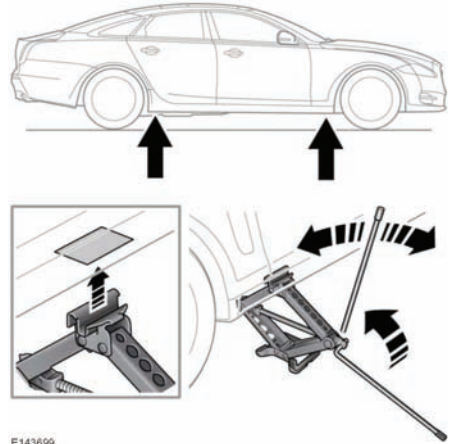
WHEEL CHANGING



1. Jack: Observe the instructions printed on the jack.
2. Wheel brace.
3. Locking wheel nut adaptor.
4. Towing eye.
5. Wheel chock.

To remove the spare wheel, unscrew and remove the bolt through the center.

Before raising the vehicle slacken but do not remove the wheel nuts.



E143699

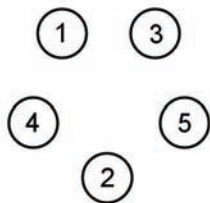
There are four jacking points on the underside of the floor. Two indented, triangular indicators are provided on each sill cover. These indicate the location for the jack.

Carefully raise the vehicle by turning the jack handle. Stop jacking the vehicle when the tire just clears the ground. Minimum tire lift gives maximum vehicle stability.

Note: To remove the center badge use the plastic tipped end of the wheel nut wrench handle, push the center badge from its housing from the inside of the wheel.

Using the wheel nut wrench, lightly tighten the wheel nuts alternately using the sequence shown in the illustration.

Wheel changing



E132075

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 92 lb.ft (125 Nm).

This torque must not be exceeded.

LOCKING WHEEL NUTS

Locking wheel nuts can be removed and installed using only the special adapter provided in the tool kit.

Note: When the vehicle is first supplied, the adapter may be stored in the glove compartment. It should be removed and stored in the tool kit as soon as possible.

Note: A code number is stamped onto the underside of the adapter. This number should be recorded in the Passport to Service supplied with the literature pack. If a replacement adapter is required, you will be asked to quote this number.

IMPORTANT – USE OF SPARE TIRE

⚠ WARNING

Adhere to the instructions on the temporary spare warning label, affixed to the wheel.

⚠ WARNING

Where fitted the temporary use spare wheel is **FOR TEMPORARY USE ONLY**. Drive with caution while the temporary spare wheel is fitted. Ensure that an original size wheel and tire are fitted as soon as possible.

⚠ WARNING

Do not fit more than one temporary spare wheel on the vehicle at any one time.

⚠ WARNING

Do not exceed 50 mph (80 km/h) while the temporary spare wheel is fitted.

⚠ WARNING

The tire pressure in the temporary spare wheel should be 60 psi (4.2 Bar/420 kPa).

⚠ WARNING

DSC must be switched on while the temporary spare wheel is in use.

⚠ WARNING

Traction devices such as snow chains cannot be used with a temporary spare wheel.

TOWING EYES

⚠ WARNING

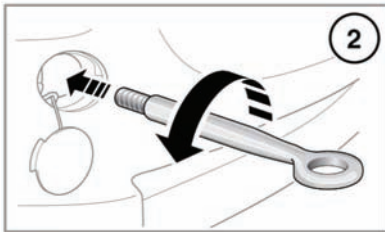
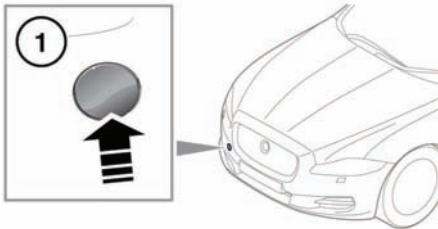
The towing eye at the front is designed for on-road recovery only. If it is used for any other purpose, it may result in vehicle damage and cause serious injury or death.

⚠ CAUTION

Do not tow the vehicle on all four wheels.

ATTACHING THE FRONT TOWING EYE

The front towing eye is included in the tool kit, located in the under-floor area of the luggage compartment.



E144619

1. Pop out the cover in the front bumper.
2. Locate the towing eye through the bumper and screw the towing eye counter-clockwise into its fixing, until secure.

TRANSPORTING THE VEHICLE

⚠ WARNING

Use extreme caution when moving or towing the vehicle. Death or serious injury may occur.

NOTICE

Only use the lashing points, or over-tire tie-downs 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.

After a collision

BEFORE STARTING OR DRIVING

WARNING

If the vehicle is involved in a collision it should be checked by a Dealer/Authorized Repairer, or suitably qualified personnel, before starting or driving.

EVENT DATA RECORDING

This vehicle is equipped with an event data recorder (EDR). The main purpose of an EDR is to record, in certain crash or near crash-like situations, such as an air bag deployment or hitting a road obstacle, data that will assist in understanding how a vehicle's systems performed. The EDR is designed to record data related to vehicle dynamics and safety systems for a short period of time, typically 30 seconds or less. The EDR in this vehicle is designed to record such data as:

- How various systems in your vehicle were operating;
- Whether or not the driver and passenger safety belts were buckled/fastened;
- How far (if at all) the driver was pressing the accelerator and/or brake pedal; and,
- How fast the vehicle was traveling.

These data can help provide a better understanding of the circumstances in which crashes and injuries occur.

Note: EDR data are recorded by your vehicle only if a non-trivial crash situation occurs; no data are recorded by the EDR under normal driving conditions and no personal data (e.g., name, gender, age, and crash location) are recorded. However, other parties, such as law enforcement, could combine the EDR data with the type of personally identifying data routinely acquired during a crash investigation. To read data recorded by an EDR, special equipment is required, and access to the vehicle or the EDR is needed. In addition to the vehicle manufacturer, other parties, such as law enforcement, that have the special equipment, can read the information if they have access to the vehicle or the EDR.

LABEL LOCATIONS

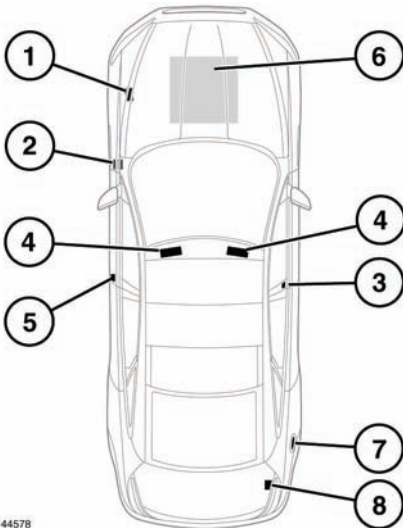


Warning labels attached to your vehicle bearing this symbol mean: Do not touch or adjust components until you have read the relevant instructions in the handbook.



Labels showing this symbol indicate that the ignition system utilizes 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. tire pressures, air bags, engine compartment hazards, etc.). Additional information labels may also be found at these locations.



E144578

1. Air conditioning label - Left-hand inner fender.

2. Vehicle Identification plate, including the Vehicle Identification Number (VIN) and recommended maximum vehicle weights - Left-hand A pillar.

Note: The VIN is also stamped on a plate, visible through the bottom left-hand side of the windscreen.

3. Passenger air bag label - Passenger side B pillar.

4. Air bag label - Sun visor.

5. Tire pressure label and Air bag warning label - Base of left-hand B pillar.

6. Engine number - On the front of the right-hand cam cover.

7. Fuel specification label - Inner face of fuel filler flap.

8. Battery warning symbols - Top face of battery.

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.

TRANSMISSION NUMBER

The transmission number is located on a label attached to the transmission casing.

A

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 - warning lamp 60
- ACC (Adaptive cruise control) 100
 - automatic switch-off 102
 - driving hints 102
 - fault 103
 - follow mode 101
 - gap change 101
 - low speed switch-off 102
 - malfunction 103
 - operating 100
 - override 102
 - resume follow mode 102
 - resume set speed 102
- Active differential control 87
- Active head restraints 36
- Adaptive dynamics 89
- Adaptive front lighting system (AFS)
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