FASTENING THE SEAT BELTS

WARNING:
• Seat belts are life saving equipment. In a collision, occupants not wearing a seat belt can be thrown around inside, or possibly thrown out of the vehicle. This is likely to result in more serious injuries than would have been the case had a seat belt been properly worn. It may even result in loss of life.
• Make sure all occupants are securely strapped in at all times - even for the shortest journeys.
• Belts should not be worn with the straps twisted.
• Always ensure that the webbing is midway between the neck and the edge of the shoulder.
• Each seat belt assembly must only be used by one occupant; it is dangerous to put a belt around a child being carried on the occupant’s lap.
• Do not try to put an adult seat belt around two children.
• Seat belts are designed to bear upon the bony structure of the body and should be worn low across the front of the pelvis or the pelvis, chest and shoulders, as applicable; wearing the lap section of the belt across the abdominal area must be avoided.
• Seat belts should be adjusted as firmly as possible, consistent with comfort, to provide the protection for which they have been designed. A slack belt will greatly reduce the protection afforded to the wearer.
• Care should be taken to avoid contamination of the webbing with polishes, oils and chemicals, and particularly battery acid. Cleaning may safely be carried out using mild soap and water. The belt should be replaced if webbing becomes frayed, contaminated or damaged.
• It is essential to replace the entire assembly after it has been worn in a severe impact even if damage to the assembly is not obvious.
• No modifications or additions should be made by the user which will either prevent the seat belt adjusting devices from operating to remove slack, or prevent the seat belt assembly from being adjusted to remove slack.
• Should the seat belt not retract and remain at its static length, you should consult your nearest Jaguar Dealer/ Authorised Repairer immediately.
• Replacement and renewal of seat belts should be carried out by Jaguar Dealers/Authorised Repairers only.

The use of front and rear seat belts is mandatory in most countries. Using seat belts saves lives.
**Occupant Protection**

![Diagram of seat belt](image)

**WARNING:**

Do not adjust the seat belt while driving.

Draw the tongue of the seat belt over the shoulder, across the chest and push it into the buckle unit slot 1. A positive click indicates that it is safely locked.

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

Ensure that the webbing is midway between the neck and the edge of the shoulder. Correct tension is controlled by automatic retraction of the reel.

Always wear seat belts without slack or twists, since any slack in a seat belt drastically reduces the effectiveness of the belt and the level of protection it can provide. For optimum protection, the seat belts should fit tightly around the body.

Do not recline the front seats excessively. Optimum benefit is obtained from the seat belt with the seat back angle set to no more than 30 degrees from the upright.

**Note:** If the vehicle is parked on unlevel ground, the seat belt mechanism may lock. This is not a fault, allow the seat belt to retract a small amount before gently easing the belt from its attachment to unlock it.

**Belt buckle release**

To release the belt buckle, press the release button 2 in the buckle unit and guide the belt back up to the seat mounted webbing guide.

**Front occupants only:** The front seat belts are equipped with an automatic webbing tension relieving device. This device will reduce the webbing loads experienced by the occupant when the seat belt is correctly worn without inducing any slack webbing.

The device is activated when, with the ignition system ON and the seat belt tongue engaged in the buckle, webbing is extracted on occupant lean forward (a series of clicks indicate the range of movement with reduced tension).

If the engine is turned off with the seat belts still fastened, a slight increase in seat belt tension may be felt. This is normal, it is part of the seat belt assembly’s tension control device.
Occupant Protection

Seat belt guide and retainer

To assist with both access and positioning of the front seat belt webbing, a guide-retainer is incorporated into each front seat.

When access to the rear of the vehicle is required, remove the seat belt from the guide.

When returning the front seat to the previous upright position ensure that the seat belt is returned to the seat belt guide.

Inertia reel mechanism test

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

If a seat belt should fail any of these tests, contact your Jaguar Dealer/Authorised Repairer immediately.

SEAT BELT REMINDER

The belt reminder feature provides additional reminders to the driver that an occupant’s seat belt is unbuckled. A chime will sound intermittently.

Note: Not all countries have the warning chime.

Seat belt warning

A warning light on the instrument panel is illuminated when:

- The driver’s seat belt is not fastened.
- A passenger is sitting in the front seat and their seat belt is not fastened.

In some countries a warning signal sounds for six seconds.
Occupant Protection

USING SEAT BELTS DURING PREGNANCY

⚠️ WARNING: Position the seat belt correctly for 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.

Position the lap strap comfortably across the hips and low beneath the pregnant abdomen. Place the diagonal part of the seat belt between the breasts, above and to the side of the pregnant abdomen. Always wear a seat belt without slack or twists.
Occupant Protection

OCCUPANT SENSING

⚠️ WARNING:

- No objects whatsoever should be attached to the centre cover of the steering wheel, the passenger facia panel, the sides of the front seats or the interior trim immediately above the door openings. Placing objects on or over the airbag inflation area may cause those objects to be propelled inside the vehicle causing serious injury to the occupants.

- Occupants with disabilities who may require the vehicle to be modified should contact a Jaguar Dealer/Authorised Repairer before any modifications are made.

- Several airbag system components get hot after inflation. Do not touch them after they have deployed.

- If an airbag has inflated, it will not function again and must be renewed immediately. Until a new airbag is fitted, no protection is available in that position.

In order to provide optimum protection this vehicle is equipped with front and side airbags. They are used in conjunction with the seat belts to help protect occupants from upper body (thorax) and head injuries.
**Occupant Protection**

**Airbag location**
1. Front passenger airbag.
2. Driver’s airbag.
3. Combined head and thorax side airbags are identified by labels.

**System sensors**
The airbags and seat belt pretensioners are electrically controlled by an Advanced Restraints Technology System (ARTS).
Various sensors determine the direction and severity of an impact. The system analyses this information then deploys only the appropriate airbags e.g. the side airbags where the impact is on that side only.
Airbags will not deploy at very low speeds or in rear impacts.

**Occupancy classification sensor**
A weight sensitive sensor is located in the front passenger seat to determine the weight acting upon the seat. In certain conditions, e.g. where no passenger is present, the appropriate airbags will be de-activated. In a collision these airbags would not be deployed.
The occupancy weight sensor operates as follows:

<table>
<thead>
<tr>
<th>Passenger occupancy status</th>
<th>Passenger airbag status</th>
<th>Indicator active</th>
</tr>
</thead>
<tbody>
<tr>
<td>Completely empty</td>
<td>Deactivated</td>
<td>No*</td>
</tr>
<tr>
<td>Low weight occupant/object</td>
<td>Deactivated</td>
<td>Yes</td>
</tr>
<tr>
<td>Heavy occupant/object</td>
<td>Activated</td>
<td>No</td>
</tr>
</tbody>
</table>

*It is possible to receive an intermittent indicator illumination with an empty seat condition. This is part of the system’s adaptive behaviour, and does not affect the status of the passenger airbag. However, if the indicator becomes permanently illuminated when the seat is definitely empty and the seat belt is unbuckled, then contact your nearest Jaguar Dealer/Authorised Repairer immediately.

- If the seat is empty and the seat belt unbuckled, the front passenger airbag will not be activated and the airbag indicator will not be illuminated.
- If the seat is occupied by, for example, a small child or object with the seat belt buckled, the front passenger airbag will not be activated and the indicator will be illuminated.
- If the seat is occupied by a larger child or adult, the front passenger airbag will be activated and the airbag indicator will not be illuminated.

**Note:** The occupancy sensing system is designed to confirm that a front passenger is properly seated as recommended:

- Always sit centrally in the seat, remaining in contact with the seat back which for comfort should be rearwards of the vertical position.
- Adjust the seat to be as far back from the fascia as is practical.
- Always wear seat belts.

The seat adjustment controls are described on page 31.

**Airbag de-activation indicator**

The airbag indicator, on the centre console, is associated with the deployment conditions for front seat passenger airbags only. Whenever the airbag indicator is illuminated, the front passenger airbag will not be deployed in the event of an impact. Where the airbags are not deployed, protection is provided by the seat belts.

**Note:** The airbag indicator will illuminate when the ignition system initially comes on as part of the warning lamp check and will extinguish after approximately six seconds.
Occupant Protection

AIRBAG LABELS

Airbag warning information is printed on the driver’s and passenger’s sunvisor.

DRIVER AIRBAG

⚠️ WARNING:
The airbag is a supplementary restraint system that provides additional protection in a severe impact only - it does not replace the need to wear seat belts. For maximum safety protection in all crash situations, a seat belt must be worn.

Note: Provided front seat occupants are correctly seated, with seat belts worn, the airbag will give additional protection to the chest and facial areas in the event of an accident.

Both front airbags use a dual inflation technology which means, if activated, the airbags will deploy as appropriate for the severity of frontal impact.

Airbag deployment

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

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

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

- An airbag will only provide additional protection in certain types of frontal collision. No protection is afforded against the effects of rear impacts, or minor frontal impacts.
- Inflation and deflation takes place instantaneously and will not provide protection against the effects of secondary impacts that can occur during multiple vehicle collisions.
- An inflating airbag can cause facial abrasions and other injuries. Minimise the risk of injury by ensuring that front seat occupants are wearing their seat belts and are seated correctly, with the seat as far back as is practical.
When an airbag inflates, a fine powder is released. This is not an indication of a malfunction. However, the powder may cause irritation to the skin and should be thoroughly flushed from the eyes and any cuts or abrasions of the skin. After inflation, front and side airbags deflate immediately (head airbags deflate slowly). This provides a gradual cushioning effect for the occupants and also ensures that the driver’s forward vision is not obscured.

Front protection

With a front impact of sufficient force, the restraints system will trigger the front airbag(s) and seat belt pretensioners, which immediately tighten the seat belts. The seat belts then ease, allowing the head and chest to contact the inflated airbag. The airbag absorbs the remaining energy of the impact and then deflates rapidly via vent holes.

Front airbags are designed to inflate only in frontal and near frontal collisions.
Occupant Protection

AIRBAG WARNING LAMP

The airbag warning light in the driver’s instrument cluster will be lit for approximately six seconds when the ignition is turned on. If the light remains on, it indicates a fault. You should report the fault to a Jaguar Dealer /Authorised Repairer immediately. It is safe to drive the vehicle; however, in an accident the airbags may not operate. Airbag warning light information is shown on page 93.

AIRBAG SERVICE INFORMATION

Airbag disposal

WARNING:

Do not attempt to service, repair, replace, modify or tamper with any part of the airbag system or its electrical fuses. Doing so could cause the system to activate, resulting in personal injury.

In the event of the vehicle being dismantled, airbag module removal and disposal must be carried out by a qualified person.

WHIPLASH PROTECTION

Both front seats are equipped with Active Head Restraints (AHR) which reduce the risk of neck and spinal injury (whiplash) in the event of a rear impact. When activated, the head restraint moves upwards and forwards, cushioning the occupants’ head.

After activation, the whiplash protection mechanism automatically resets and does not require to be replaced.
Occupant Protection

ROLLOVER BARS
(Convertible only)

⚠️ WARNING:
- Do not place any objects on top of the system trim covers behind the rear passenger head restraints.
- Do not try to reset the system if it deploys.
- Do not let anyone sit on the top cover.

The Rollover Protection Device (RPD) consists of two inverted U-shaped bars, that are concealed underneath the rear parcel shelf and sensors that monitor the attitude of the vehicle.

If the Rollover Protection Device has been deployed, you should proceed to your nearest Jaguar Dealer/Authorised Repairer to check for any damage and to reset the system.

Note: When the rollover bars are deployed they will deliberately break the rear screen if the convertible top is closed.