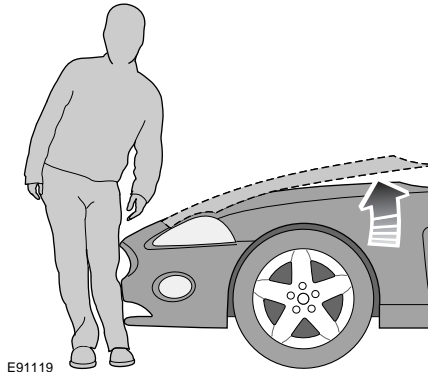


# Pedestrian protection

## PRINCIPLE OF OPERATION

The pedestrian protection system has been designed to reduce lower leg and head injuries in the event of a frontal collision with a pedestrian.

The bumper includes energy absorbing foam and plastics in its construction to reduce leg injuries and sensors that detect the collision with a pedestrian.



E91119

## Deployment

During a pedestrian collision, the sensors initiate a bonnet deployment system that releases the bonnet latches and raises the rear edge of the bonnet by approximately 130 mm (5.1 inches).

This increases the gap between the bonnet and the components within the engine compartment e.g. engine, suspension etc. This increased gap creates a cushion which reduces injuries caused to the pedestrian.

The bonnet deployment system is active only when the ignition is on and the vehicle is driven between the speeds of approximately 15 km/h (9 mph) and 45 km/h (28 mph).

## AFTER DEPLOYMENT OF THE PEDESTRIAN PROTECTION SYSTEM

The bonnet will remain in its unlatched position and cannot be relatched.

The vehicle must be stopped as soon as it is safe to do so.

The hazard warning lamps will be activated and can only be switched off by pressing the engine START/STOP button to turn the engine off and on again.

The warning message **CHECK PEDESTRIAN SYSTEM** will appear on the message centre and the vehicle should be transported to the nearest Jaguar Dealer/Authorised Repairer. The vehicle must not be driven when the bonnet has been deployed. See **DRIVING AFTER A COLLISION** (page 224).

**Note:** If the warning message **CHECK PEDESTRIAN SYSTEM** appears on the message centre when there has been no deployment of the bonnet, the vehicle can be driven and should be taken to the nearest Jaguar Dealer/Authorised Repairer immediately.

If any significant damage occurs to the front bumper it should be inspected by a Jaguar Dealer/Authorised Repairer as soon as possible.