

## OCCUPANT SENSING

The front passenger seat is fitted with an occupancy sensor system that determines if the seat is unoccupied, occupied by a person of low weight, a child seat or object, or is occupied by a heavier person or object.

The system consists of:

- A weight sensing pressure pad installed under the front passenger seat cushion. The sensor measures downward pressure/weight on the seat cushion.
- A seat belt tension sensor integrated into the anchor point of the front passenger seat belt.
- A control unit installed under the front passenger seat.
- An air bag status indicator lamp, mounted on the overhead console, which displays the operational status of the passenger air bag.

The occupancy weight sensor operates as follows:

Occupancy status	Passenger air bag status	Status lamp display
Completely empty	Deactivated	
Child restraint or low weight object/occupant	Deactivated	PASS AIR BAG OFF
Heavy object/occupant	Activated	

\* It is possible to receive an intermittent indicator illumination with an empty seat. This is part of the systems adaptive behavior 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.

\*\* 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.

### DANGER

**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.**

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.