



XJ

**OWNER'S HANDBOOK
SUPPLEMENT**

The following information replaces that provided in the XJ Owner's Handbook Publication
Part No. JJM 18 02 34 151.

Publication Part No. JSA 18 02 34 151

Supplementary information

OCCUPANT SENSING

⚠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. All children age 12 and under should always ride in the back seat.

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.

The system will adjust the passenger air bag status and operate the status indicator as follows:

Occupancy status	Passenger air bag status	Status indicator display
Completely empty	Deactivated	No indication given*
Child restraint or low weight occupant/object	Deactivated	PASSENGER AIRBAG OFF**
Heavy occupant/object	Activated	No indication given

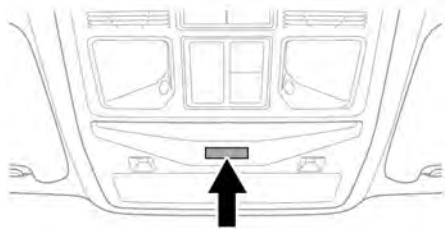
* It is possible to receive an intermittent indicator illumination with an empty seat. This is part of the system's adaptive behavior and does not affect the status of the front passenger air bags. However, if the indicator becomes permanently illuminated when the seat is empty and the seat belt is unbuckled,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

- A control unit installed under the front passenger seat.
- An air bag status indicator lamp, mounted in the roof console.

⚠WARNING

When checking the operational status of the front passenger air bag, make sure that the ignition is switched on.



E164858

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

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.

DANGER

Crash statistics show that children are safest when properly restrained in a child restraint system appropriate for their age and weight and secured in a rear seating 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.

***Note:** The indicator will only illuminate when the ignition is on or the engine is running.*