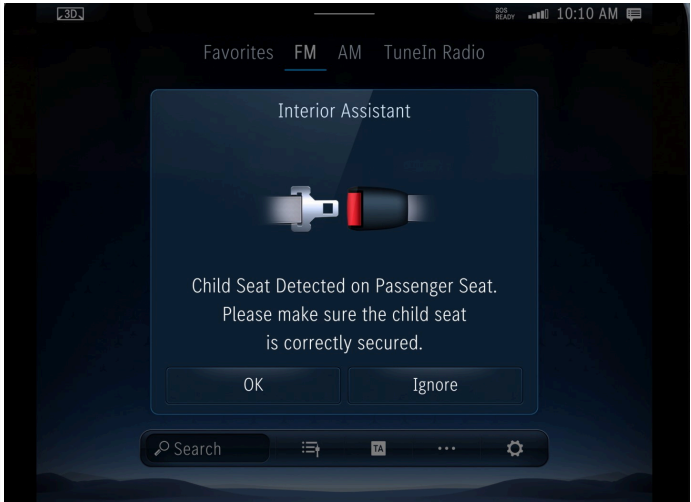


Head unit display: Child seat detection message even though no child seat is installed on the front passenger seat

Topic number	LI82.85-P-077973
Version	1
Function group	82.85 - Navigation and Communication systems
Date	7/15/24
Validity	Model series 223, 232, 296, 295, 297 with code 77B or 78B
Reason for change	

Complaint

Child seat detected message is shown in the central display and no child seat is installed on the front passenger seat at the time the display message is shown.

Attachments	
File	Description
interior assistant for child seat detected.jpg	Interior Assistant Message
	

Cause

In certain circumstances, the gesture recognition system may interpret the occupancy status as a child seat present.

The following possible conditions may lead to this:

- 1. Front passenger seat occupied by passenger
- 2. Object on front passenger seat, e.g. bag or backpack
- 3. Front passenger seat not occupied

The gesture recognition system uses optical imaging to assess the front passenger seat and whether it is occupied and is independent from the occupant classification system input used for airbag deployment. The gesture recognition assessment has no connection to the airbag system.

As this is an optical measurement, in certain circumstances a child seat message may be displayed based on the results of the interpretation. There is no influence on airbag system. There is no connection to airbag system.

Remedy

Software update of control unit N168 - Gesture recognition system OMSH223

Disclaimer

NOTE: The information contained in this document is intended for use by trained, professional technicians with the knowledge to properly and safely perform diagnosis and repairs on Mercedes-Benz vehicles, using Mercedes-Benz approved tools and equipment. It informs service technicians about conditions that could occur in certain vehicles and provides information that could assist in proper vehicle diagnosis, service, or repair. It does not indicate that a defect is present in any vehicle referenced in this document nor does it imply warranty coverage. DO NOT assume that a symptom or condition, or a described cause of a symptom or condition, affects any particular vehicle or groups of vehicles, or that a described repair applies to any particular vehicle or groups of vehicles. There can be multiple causes resulting in the same or similar symptoms or conditions described in this document, and trained professional service technicians must use their diagnostic skills to make evaluations on a case-by-case basis. The information contained in this document does not guarantee warranty coverage nor does it extend the vehicle's warranty in any way.

Symptoms
Body > Safety system > Automatic child seat recognition ACSR > Child seat not detected
Communication/information > Entertainment > Screen/display > Miscellaneous
Communication/information > Entertainment > Overall system/operation > System adjustments not possible

Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note
			820H7	Control unit - occupant motion sensor