

White Instrument Cluster Message: "Driver assistance systems function limited" and Corner Radar DTC U160E97 "The control unit has an internal hardware fault. The system function is restricted."

Topic number	LI54.30-P-080760
Version	1
Function group	54.30 - Instrument cluster, display instruments, hazard warning device
Date	6/30/26
Validity	Models 174, 178, 244, 248, 540
Reason for change	

Complaint

Display message in the instrument cluster:

"Driving assistance system function limited"

This message can occur repeatedly while driving.

Note:

Fault code U160E97. Additionally, P161400 and/or C11009A may also be stored.

Affected control units can be any of the radar sensors (B29/21, 22, 23, or 24).

Cause

Hardware malfunction.

Remedy

If the DTC is present in any of the radar sensors prior to a vehicle production date of May 12, 2026, follow the guided test.

If the DTC is present in any of the radar sensors after a vehicle production date of May 12, 2026, please create a TIPS case to the Body/Chassis/Entertainment Inbox.

Note:

Multiple radar sensors in a vehicle may also be affected.

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
Communication/information > Assistance and warning systems > Brake Assist > Warning message in instrument cluster
Communication/information > Assistance and warning systems > Lane Assistant > Warning message in instrument cluster
Communication/information > Assistance and warning systems > Blind spot assist > Warning message in instrument cluster
Communication/information > Assistance and warning systems > Emergency braking assist > Warning message in instrument cluster
Communication/information > Assistance and warning systems > Lane Change Assist > Malfunction

Parts						
Part number	ES1	ES2	Designation	Quantity	Note	EPC
A0009017732			Front radar sensor	1		X
A0009017932			Rear radar sensor	1		X

Control unit/fault code	
Control unit	Fault text
B29/24 - Right rear short range radar (NBR-RR) (CR_R-R_GEN6)	U160E97 - The control unit has an internal hardware fault The system function is restricted.
B29/23 - Left rear short range radar (NBR-LR) (CR_R-L_GEN6)	U160E97 - The control unit has an internal hardware fault The system function is restricted.
B29/22 - Right front short range radar (NBR-RF) (CR_FR_GEN6)	U160E97 - The control unit has an internal hardware fault The system function is restricted.
B29/21 - Left front short range radar (NBR-LF) (CR_FL_GEN6)	U160E97 - The control unit has an internal hardware fault The system function is restricted.

Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note
		H	54W1173	It could also be the 54W1373, or 54H1173 or 54H1373.