

Model Series 463: Active Distance Assist and Active Brake Assist IC Message and DTC U0416FE

Topic number	LI54.71-P-078112
Version	2
Function group	54.71 - Camera and radar-assisted assistance systems
Date	12/19/24
Validity	Model Series 463
Reason for change	Requesting new information from vehicles.

Complaint

"Active Distance Assist currently unavailable" and "Active Brake Assist functions currently limited" are shown on the instrument cluster during startup or while driving AND stored DTC in quick test U0416FE - "Implausible data were received from control unit Traction system" in A108/1 (Distronic).

Cluster messages will remain and mentioned system functionality is limited until key is cycled.

Cause

Under investigation.

Symptom may occur with one or a combination of the following:

- 1. Low battery health
- 2. Battery state of charge
- 3. Repeated short drive cycles.

Cluster messages will resolve after a vehicle key cycle.

Remedy

TIPS case not necessary.

At this time the U0416FE DTC in combination with the instrument cluster lights (Active Brake Assist/Active Distance Assist) is being analyzed.

The cluster messages will resolve with a key cycle.

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 > Distronic > Function > Warning message in instrument cluster
Communication/information > Assistance and warning systems > Distronic > Display message > Function error
Chassis/suspension > Brake system > Brakes/traction regulation system > Active Brake Assist > Function limited

Control unit/fault code	
Control unit	Fault text
A108 / A108/1 - Active Brake Assist / Active Distance Assist DISTRONIC (ABA / DTR) (FCW177)	U0416FE - Implausible data were received from control unit 'Traction system'. _

Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note