

Distronic and/or Active Brake Assist inoperative after driving for an extended period

Topic number	LI54.71-N-075673
Version	1
Function group	54.71 - Camera and radar-assisted assistance systems
Date	12/10/22
Validity	Model 907 with code BA3/Active Brake Assist) and/or ET4 (Active Distance Assist DISTRONIC)
Reason for change	

Complaint

Distronic and/or Active Brake Assist inoperative after driving for an extended period

Cause

Blindness detection of the radar sensor. When driving for extended periods in areas with few or no objects for the radar sensor to detect, the radar sensor switches off due to the self-test and sets fault code C174AFB - The adjustment of the 'Active Brake Assist' control unit has malfunctioned.

Remedy

- Check the area of the front radar for damage.
- Check whether fault code "C174AFB - The adjustment of the 'Active Brake Assist' control unit has malfunctioned" is set in the B92 or B92/1 Active Brake Assist/Active Distance Assist DISTRONIC (ABA/DTR) (FCW177) control unit.
- If the fault code is present, check the vertical actual values.
- If these are not OK, please correct the value with inspection of installation position or calibration of installation height (see attachment 2021 NDTD_Vans_Radar Sensor for best practices and functionality info)
- If the actual values are OK, please update the software.

Attachments	
File	Description
2021 NDTD_Vans_Radar Sensor.pdf	

Symptoms
Communication/information > Assistance and warning systems > DISTRONIC > Function > Malfunction, warning system
Communication/information > Assistance and warning systems > DISTRONIC > Function > Warning message in instrument cluster
Communication/information > Assistance and warning systems > DISTRONIC > Function > Malfunction
Communication/information > Assistance and warning systems > Brake Assist > Warning message in instrument cluster

XENTRY TIPS

Communication/information > Assistance and warning systems > Brake Assist > Malfunction

Control unit/fault code	
Control unit	Fault text
B92 / B92/1 - Active Brake Assist / Active Distance Assist DISTRONIC (ABA / DTR) (FCW177)	C174AFB - The learned value of an operating parameter of control unit 'COLLISION PREVENTION ASSIST' is outside the valid range. _

Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note
			5416H90	The listed damage code is not to be considered as an acceptance of costs. The general guidelines in the Warranty Manual apply.