

X247 code 233 - Blind Spot Assist inoperative (fault message in IC) - Fault code C110178

Topic number	LI54.71-P-072473
Version	3
Function group	54.71 - Camera and radar-assisted assistance systems
Date	3/29/21
Validity	X247 with code 233
Reason for change	Added instructions

Complaint

Only vehicles X247 with code 233

Messages in instrument cluster:

Blind Spot Assist inoperative and

Lane Keeping Assist inoperative and

Active Brake Assist inoperative

Fault code: C110178 (Malfunction in radar sensor. Incorrect adjustment or calibration.) logged in control unit B92/10.

Cause

Positioning of rear left radar sensor

Remedy

1. Remove rear bumper and check installation position of radar sensors
2. Remove cover of sensors (A2478856502, A2478856702)
3. Follow repair instructions in attachment (remove sensor, modify rear left sensor bracket, install sensor rotated by 180°, use foam to secure sensor in place)
4. Fit rear bumper. Do not reinstall covers (A2478856502, A2478856702)
5. Add AO code o54 with XENTRY
6. Perform SCN coding for rear left sensor
7. Reset learned values of rear left sensor
8. Perform calibration drive for rear radar sensors

Attachments	
File	Description
Arbeitsanleitung_Reparatur_Radarsensor_X247.pdf	
Instructions_Repair_Radar_Sensor_Bracket_X247_EN-G.pdf	

XENTRY TIPS

Symptoms
Lighting > Exterior lights > Driving lights > Adaptive Highbeam Assist > 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 > Blind spot assist > Malfunction

Control unit/fault code	
Control unit	Fault text
B92/10 - Left rear outer short range radar (NBR-LR)	C110178 - The radar sensor 1 has a malfunction. The adaptation or adjustment is incorrect.

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