

Blind Spot Assist inoperative

Topic number	LI54.71-P-056477
Version	10
Function group	54.71 Lane assist
Date	04-02-2018
Validity	All MB cars with code 234 (Blind Spot Assist) or code 237 (Active Blind Spot Assist)
Reason for change	Validity extended to 117. Reference to LI54.71-P-066010 inserted.
Reason for block	

Complaint:

Blind Spot Assist inoperative.

Cause:

Moisture

Important: For BR 117, 156, 176, 246 with code 234 (Blind Spot Assist), also observe LI54.71-P-066010.

Example information on diagnosis on selected model series:

BR166/204 with code 234 (Blind Spot Assist):

- Malfunctions on the engine compartment CAN (CAN C) are possible
- In control units on the CAN C, CAN communication errors may be logged with the rear short-range radar sensors (IRS-HLA B29/4 and IRS-HRA B29/5 control units).
- Diagnostic communications with control units on the CAN C may not be possible.

BR212/218 up to code 800 (Model year 2010) with code 234 (Blind Spot Assist):

- Malfunctions on the sensor CAN (CAN S) are possible
- In the radar sensors control unit (N62/1), CAN communication errors may be logged with the rear short-range radar sensors (B29/6 and B29/7).
- Communications with control units on the CAN S may not be possible.

BR212/218 as of code 801 (Model year 2011) with code 234 (Blind Spot Assist):

- Malfunctions on the front end CAN (CAN G) are possible
- Control units on the CAN G may exhibit CAN communication errors with the rear short-range radar sensors (IRS-HLA B29/4 and IRS-HRA B29/5 control units).
- Diagnostic communications with control units on the CAN G may not be possible.

BR166/204/212/218 with code 237 (Active Blind Spot Assist):

- Malfunctions on the sensor CAN (CAN S) are possible
- In the video and radar sensor system control unit (N62/2), CAN communication errors may be logged with the rear short-range radar sensors (B29/6 and B29/7).
- Communications with control units on the CAN S may not be possible.

Remedy:

1. Remove rear bumper.
2. Remove rear short-range radar sensors, check connector/contact for corrosion and repair if necessary.
3. Installation of short-range radar sensor (see EPC).
4. Install rear bumper.

XENTRY TIPS

Symptoms
Overall vehicle / Networking / CAN/FlexRay communication / Malfunction
Overall vehicle / Networking / Diagnosis/software / Not diagnosable
Communication/information / Warning and control system / Blind spot assist / No display
Communication/information / Warning and control system / Blind spot assist / Display without obvious cause
Communication/information / Warning and control system / Blind spot assist / Warning message in instrument cluster
Communication/information / Warning and control system / Blind spot assist / Malfunction

Control unit/fault code		
Control unit	Fault code	Fault text
B29/5 - Outer right rear intelligent radar sensor system (IRS-HRA) (IBSM212_R1) (B (242, 246),M/GLE (166),E (212),C (204),GLK (204),CLS (218))	-	-
B29/4 - Outer left rear intelligent radar sensor system (IRS-HLA) (IBSM212_R4) (E (212))	-	-
B29/5 - Outer right rear intelligent radar sensor system (IRS-HRA) (IBSM3G_R1)	-	-
B29/4 - Outer left rear intelligent radar sensor system (IRS-HLA) (IBSM3G_R4)	-	-
N62/1 (Radar sensors control unit) (RDU_212) (GL/GLS (166),M/GLE (166),SLK/SLC 172,E (212),C (204),GLK (204),CLS (218))	-	-
N62/1 (Radar sensors control unit) (RDU_212FR) (GL/GLS (166),M/GLE (166),SLK/SLC 172,E (212),C (204),GLK (204),CLS (218))	-	-
N62/1 (Radar sensors control unit) (VRDU) (M/GLE (166),E (212),CLS (218))	-	-

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

XENTRY TIPS

54-1975	REPLACE REAR SENSOR UNIT OF BLIND SPOT ASSIST, QUANTITY:..... (BUMPER REMOVED)		54H13 72	
88-8802	REMOVE/INSTALL REAR BUMPER COMPLETE		54H13 72	

WIS-References			
Document number	Title	Note	Allocation
AR54.71-P-0100EW	Remove/install sensors for Blind Spot Assist	BR212	Remedy
AR88.20-P-2200EW	Remove/install rear bumper	BR212	Remedy