

167 GLS headlight low beam fault

Topic number	LI82.10-P-070615
Version	1
Function group	82.10 Exterior lights
Date	12-10-2019
Validity	Model 167 GLS
Reason for change	
Reason for block	

Complaint:

A display message indicating the right or left low beam inoperative.

Despite the message, the primary function of the low beam is not inhibited.

Quick test may include the following fault codes or other fault codes related to vehicle lighting system:

E1n11 / E2n11 LED control unit:

B178392 Control Unit "LED driving lights actuation module" has a malfunction. The function or instruction is faulty.

N10/6 FSAM:

U118A02 Communication with control unit 'Left headlamp range adjustment' has a malfunction. There is a general signal fault.

A40/11 MFK:

U120B97 Communication with the control unit 'Headlamp' has a malfunction. The system function is restricted.

Cause:

Root cause is still under investigation.

Remedy:

Perform the guided tests for each fault code related to the lighting system in the quick test.

Open a PTSS case and include an initial quick test, printout of completed guided tests indicating results, control unit logs from any control unit with a fault related to lighting, and a front SAM control unit log.

Symptoms
Lighting / Exterior lights / Driving lights / Low beams / Function / Malfunction
Lighting / Exterior lights / Driving lights / Low beams / Indicator lamp / lit

Control unit/fault code

XENTRY TIPS

Control unit	Fault code	Fault text
E2n11 - LED matrix of right front lamp unit (SG-LML-VR) (PXL213_FR)	B178392	Control unit "LED driving lights actuation module" has a malfunction. The function or the instruction is faulty.
N10/6 - Front signal acquisition and actuation module (Driver-side SAM) (BC_F213)	U118A02	Communication with control unit 'Left headlamp range adjustment' has a malfunction. There is a general signal fault. (VCS177)
A40/11 - Multifunction camera (mono) (MFK) (MMPC213)	U120B87	Communication with the control unit 'Headlamp' has a malfunction. The message is missing.
A40/11 - Multifunction camera (mono) (MFK) (MMPC213)	U120B97	Communication with the control unit 'Headlamp' has a malfunction. The system function is restricted.