

Front turn signal inoperative

Topic number	LI82.25-P-060303
Version	3
Design group	82.25 Signaling equipment/emergency alarm system
Date	03-24-2015
Validity	463.237 (G 550) since model year 2013 (code XZ2, XZ3 or XZ4); 463.273 (G 63 AMG)
Reason for change	Distribution extended
Reason for block	

Complaint:

- The front left or right turn signal is inoperative
- Display in instrument cluster "Turn Signal Bulb Failure"
- The turn signal flash frequency is increased
- Fault code B163A11 or B163E11 is current or is stored in the front SAM control unit

The problem is no longer present when the ignition has been switched off and on.

Cause:

Due to tolerances in the bulb amperage of the front turn signals, the front SAM control unit erroneously detects a short circuit to ground.

Remedy:

Development approval for a new coding for the front SAM control unit with adjusted threshold value for the short circuit recognition is being prepared.

No countermeasure is available at the present time; replacing the parts (Front SAM (CBC), turn signal bulb, housing) is not effective.

Symptoms
Overall vehicle / Lighting / Exterior lights / Turn signal/hazard warning lights / Turn signal lights / Nonfunctional

Control unit/fault code		
Control unit	Fault code	Fault text
SAM - Signal acquisition and actuation module (N10) (CBC)	B163A11	The output for the left front turn signal lamp has a malfunction. There is a short circuit to ground.
SAM - Signal acquisition and actuation module (N10) (CBC)	B163E11	The output for the right front turn signal lamp has a malfunction. There is a short circuit to ground.

Validity		
Vehicle	Engine	Transmission
463.237	*	*
463.273	*	*