

Warnings without obvious cause from front parking sensors in AMG vehicles

Topic number	LI54.65-P-068092
Version	1
Function group	54.65 Parking assist
Date	05-14-2018
Validity	166, 292 with AMG model designation
Reason for change	
Reason for block	

Complaint:

In AMG vehicles warnings may be issued without obvious cause (optical and acoustic) from the front parking sensors, mainly on the right-hand side.

Cause:

Possibly SCN coding in control unit of "N62" parking system relative to sensor sensitivity.

The reasons stated below may lead to problems that must be noted:

1. Accessories license plate number frame mounted to front bumper.
2. Front license plate number incorrectly aligned.
3. Furthermore, removable accessories that are located in the range of the PARKTRONIC sensors.
4. Reduced vehicle driving height, which results in echoes from the ground.
5. Snow, slush, hailstones, sleet, heavy rain.
6. A gush of water that runs over the vehicle hood and down the parking sensors when braking.
7. Sensors badly soiled.
8. External ultrasonic sources such as air brake systems, compressed-air hammer, brake squeals from a vehicle in the immediate vicinity, etc.
9. In underground electric induction loops, at traffic lights or in parking garages.
10. Waste heat from overheated engines (exhaust) form in front of vehicle when it is at a standstill.

Remedy:

Perform SCN coding again in the "N62" parking system control unit (optimized sensor thresholds).

The workshop technician should examine the PARKTRONIC sensors thoroughly for malfunctions, cleanliness and correct orientation.

If the problem is not solved by the SCN coding and no other cause is determined, please create a PTSS case including quick test, printout of actual value indicating which sensor is reading in an object, control units log from N62 control unit, and picture of the sensor installation.

XENTRY TIPS

Symptoms

Communication/information / Warning and control system / Parking assist / PARKTRONIC / Malfunction of displays / Operates without obvious cause

Communication/information / Warning and control system / Parking assist / PARKTRONIC / Acoustic warning malfunction / Operates without obvious cause

Operation numbers/damage codes

Op. no.	Operation text	Time	Damage code	Note
54-0650	ON-BOARD POWER SUPPLY MAINTAIN			
54-1011	PERFORM QUICK TEST			
54-0992	PERFORM SCN CODING OF CONTROL UNIT N62		54687 90	