

System response of Park Assist - model series 213 face- lift / 238 facelift with option code 235 and option code 501

Topic number	LI54.65-P-072065
Version	3
Function group	54.65 - Parking assist
Date	4/30/21
Validity	213 facelift / 238 facelift with option code 235 and option code 501
Reason for change	New text elements for "Remedy" and "Note"

Complaint

Erroneous visual or acoustic alert from parking sensors, or parking assist unavailable

Cause

The reasons stated below may lead to complaints relating to the apparent triggering of the parking sensors without obvious cause and must be noted:

1. Accessory/aftermarket license plate frame mounted to front bumper.
2. Front license plate 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. These are identified by tarred outlines in the road, as shown in the example in the attachments.
10. Residual heat from overheated engines (exhaust) from in front of vehicle when it is at a standstill.
11. Tire pressure significantly deviates from reference value.
12. System limit.
13. SW version of control unit PARK213M.

Attachments	
File	Description

Example



1.jpg

Inductive loop outline example

Remedy

Re. 1 to 12: Address these causes or factors in the usual way or explain them to the customer.

Re. 13: Check system response with comparable vehicle of model series 213 facelift / 238 facelift. If the response of both vehicles is similar/identical, then

- do not replace the hardware.
- do not carry out a software update.

Note: In the event of wider issues with system response, first calibrate 360° camera system (if installed), then if required re-commission parking system control unit.

If problem persists, replace parking system control unit.

The part number currently displayed in XPPI can be used.

Symptoms

Communication/information > Assistance and warning systems > Parking assist > PARKTRONIC > Malfunction of displays > General

Communication/information > Assistance and warning systems > Parking assist > PARKTRONIC > Malfunction of displays > All displays simultaneous

Communication/information > Assistance and warning systems > Parking assist > PARKTRONIC > Malfunction of displays > Operates without obvious cause

Communication/information > Assistance and warning systems > Parking assist > PARKTRONIC > Acoustic warning malfunction > General

Communication/information > Assistance and warning systems > Parking assist > PARKTRONIC > Acoustic warning malfunction > Operates without obvious cause

Parts

Part number	ES1	ES2	Designation	Quantity	Note	EPC
A0009000832			Entry parking system control unit	1	For vehicles with SA code 218	X
A0009000932			High parking system control unit	1	For vehicles with SA code 501	X

Control unit/fault code

XENTRY TIPS

Control unit	Fault text
N62 - Parking system (PARK)	

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