

Distronic distance control - alleged arbitrary intervention

Topic number	LI54.70-P-066813
Version	1
Design group	54.70 Proximity warning system
Date	07-21-2017
Validity	BR166/292 without code 772 (AMG Sport Package) AND with code 266 (Distronic + lateral assistance)
Reason for change	
Reason for block	

Complaint:

When driving on freeways with Distronic activated, the driver perceives gentle, independent braking actions (comparable with normal distance control) although there are no vehicles in front.

The complaint occurs in the outside fast lane of freeways where the distance to structures separating the oncoming lane (e.g. guardrail) is small.

Cause:

Under certain circumstances, the Distronic system may not interpret complex traffic situations clearly. In these cases, gentle braking actions can occur.

Attachments	
File	Description
i.O. Verrastung Sensor.jpg	Sensor adjustment OK
n.i.O. Verrastung Sensor.jpg	Sensor adjustment not OK

Remedy:

1. Localize the complaint:

1.1 Does the problem occur in the outside fast lane of freeways where the distance to structures separating the oncoming lane (e.g. guardrail) is small?

1.2 While the problem is occurring, does the "assistance graphic" (setting in the instrument cluster) show a vehicle in front although there is no other vehicle ahead?

1.3 Are the sensors behind the front bumper (long range radar; 2x short range radar) installed correctly? (See pictures in attachment)

--> If the answer to all the questions is "Yes", continue with step 2.

--> If the answer to one or more questions is "No", please create a PTSS case.

2. Carry out remedy:

XENTRY TIPS

- 2.1 Check part number of short range radar sensors --> If current part number of inserted sensor is NOT A000 905 99 06, then please replace sensor to part number A000 905 99 06.
- 2.2 Create a PTSS case and request a new grid (cover/plastic trim in front of the radar sensors) via PTSS.
3. Verify that the remedial action performed functions properly in terms of the complaint and normal Distronic operation during a test drive.

Symptoms
Communication/information / Warning and control system / Distronic / Function / Implausible regulation

Parts						
Part number	ES1	ES2	Designation	Quantity	Note	EPC
A 000 905 99 06			Radar sensor	2		X

Attachments

i.O. Verrastung Sensor.
jpg:



n.i.O. Verrastung Sensor.
jpg:

