

Parktronic sensor for front or rear bumper loose

Topic number	LI88.20-P-065573
Version	1
Design group	88.20 Bumpers
Date	01-17-2017
Validity	Model series 172 as of production date 01.04.2016 (face-lift)
Reason for change	
Reason for block	

Complaint:

Parktronic sensor bracket for front or rear bumper loose (Picture 1).

Attachments	
File	Description
Bild 1.jpg	Picture shows loose bracket for PTS sensor as an example

Cause:

Possible bonding between Parktronic sensor mount and bumper

Remedy:

Installation of loose Parktronic sensor mount and strenghten all other Parktronic sensor mounts:

Work description using front bumper as an example:

1. Disassemble bumper.
2. Remove impact foam to gain access to all Parktronic sensor mounts (Picture 2).
3. Clean area to be glued on loose Parktronic sensor mount, as well as inside area on bumper around the remaining Parktronic sensor mounts using isopropanol A005 989 1971.
4. Apply primer to the previously cleaned bonding area on the loose mount, and the remaining Parktronic sensor mounts. Apply a thin layer and flash-off for 10 minutes (Picture 3). Important: Do not apply primer to the adhesive pad of the Parktronic sensor!
5. Install the loose Parktronic sensor and adhere the mount (with clipped-on sensor installed). Press firmly for 3 seconds. Care should be taken to ensure that the transparent plastic ring of the sensor is inserted into the center of the hole on the bumper, then firmly press on the Parktronic sensor mount (Picture 4).
6. Unclip all Parktronic sensors to have optimum access for the bonding procedure.
7. Apply adhesive A006 989 99 71 to rear of all Parktronic sensor mounts for bonding (Picture 5), then smooth out using a spatula (Picture 6). Important: This has to be done quickly as the setting time is short.
8. Install bumper and check Parktronic for proper operation.

Attachments	
File	Description
Bild 2.jpg	Front bumper with removed impact foam
Bild 3.jpg	Primed bonding surface on bumper's loose sensor
Bild 4.jpg	Bonded-on bracket without PTS sensor

XENTRY TIPS

Bild 5.jpg	Bonding of PTS sensor mount shown as example in middle of PTS sensor mount
Bild 6.jpg	Coat adhesive bead using spatula

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

Parts						
Part number	ES1	ES2	Designation	Quantity	Note	EPC
A 007 989 22 71			Primer	1	Please order object number A007 989 22 71 10. Apply thin coating to area on bumper to be bonded and flash-off for 10 minutes	X
A 006 989 99 71			Adhesive	1		X
A 005 989 18 71			Cleaner	1	Clean surface to be bonded	X

Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note
			88X01 38	
			88X02 38	
			88X03 38	
			88K01 38	
			88K02 38	
			88K03 38	
			88W01 38	
			88W03 38	
			88H01 38	
			88H03 38	

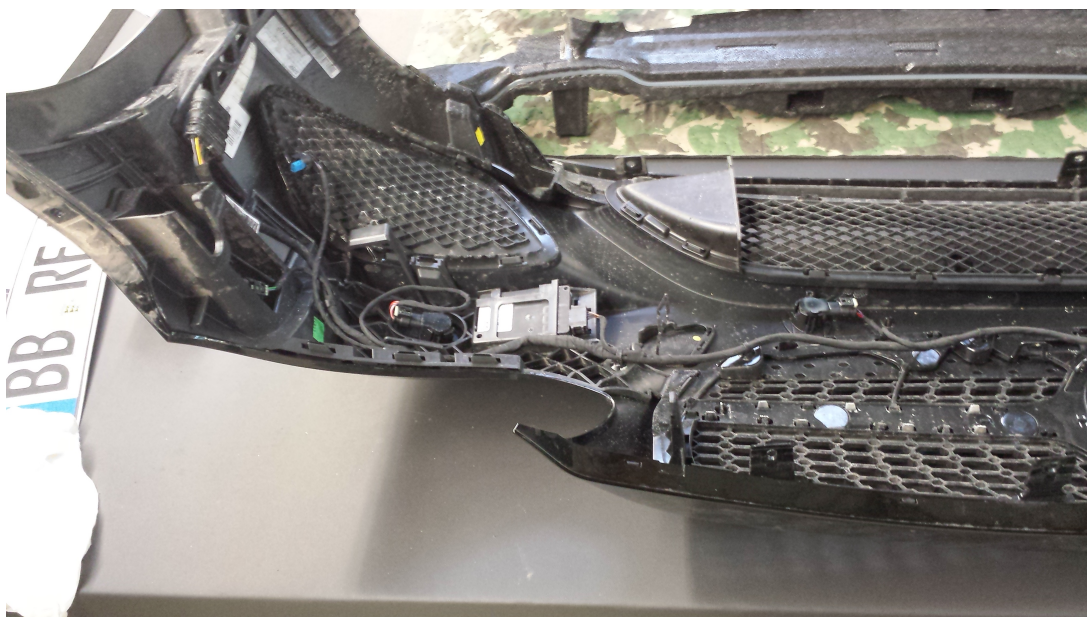
Attachments

XENTRY TIPS

Bild 1.jpg:



Bild 2.jpg:



XENTRY TIPS

Bild 3.jpg:

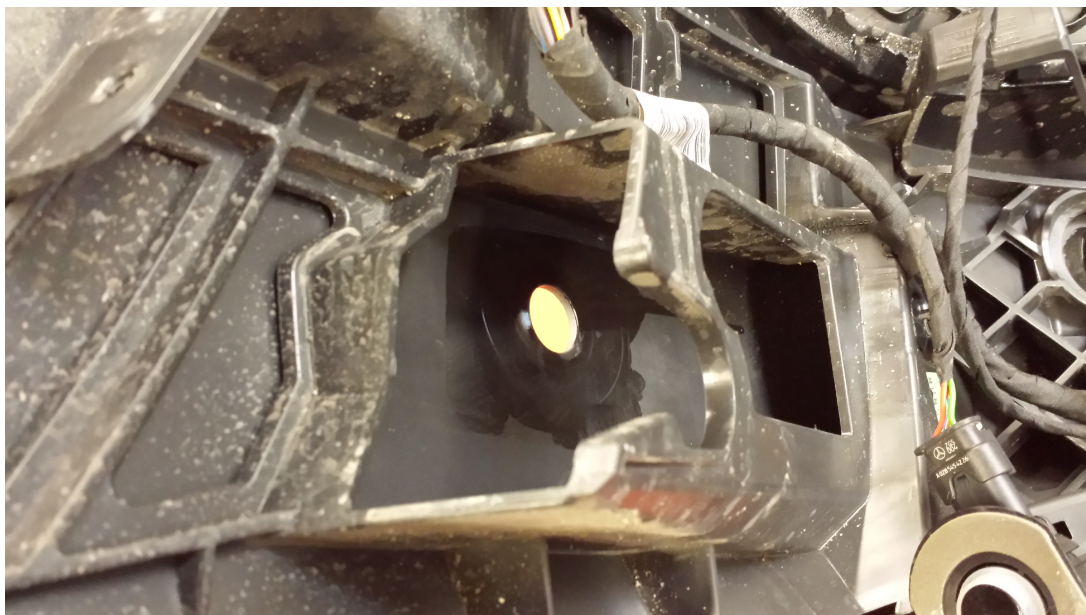


Bild 4.jpg:



XENTRY TIPS

Bild 5.jpg:



Bild 6.jpg:

