
Rear bumper sticks out in area of rear lamp (S212, C218)

Topic number	LI88.20-P-053415
Version	1
Design group	88.20 Bumpers
Date	03-20-2012
Validity	S212, C218
Reason for change	

Complaint:

Rear bumper sticks out in area of rear lamp (picture 1)

Attachments	
File	Designation
Bild 1.jpg	Bumper sticks out in rear lamp area. Example S212

Cause:

Too much play between bracket for bumper and rear lamp (picture 2)

Thermal expansion causes the bumper sticks out in the area of the rear lamp

Attachments	
File	Designation
Bild 2.jpg	Bumper wedged together at rear with rear lamp

Remedy:

The play between the rear lamp and the bumper must be eliminated. To this end, film is stuck onto the bracket of the bumper:

1. Measure protrusion to rear lamp on specified measuring points for determining the amount of film required
2. Remove bumper
3. Determine amount of film to be glued on:
 - S212: Measurement 35 mm from tip of bumper (picture 3)
 - C218: Measurement 70 mm from tip of bumper (picture 4)

Amount of film = Protrusion (mm) / 0.3 (mm) --> Film thickness is approx. 0.3 mm

4. Glue chafe protective film onto bracket to eliminate any play between the rear lamp and rib on the bumper. (Figure 5)

Note: The bonding surfaces must be clean and free of grease

5. Mount bumper again
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Attachments	
File	Designation
Bild 3.jpg	Measurement of protrusion, S212
Bild 4.jpg	Measurement of protrusion, C218
Bild 5.jpg	Glue on chafe protective film

Symptoms
Body / Bumper / Poor fit /

Parts							
Part number	ES1	ES2	Designation	Quantity	Note	EPC	Non-EPC
A 171 628 00 97			Underlay	1	Adapt during installation	X	

Work units				
Op. no.	Operation text	Time	Damage code	Note
			88137 38	