

Wind noises at windshield between approx. 55 and 75 mph

Topic number	LI88.20-P-056908
Version	2
Design group	88.20 Bumpers
Date	06-30-2015
Validity	Model refinement 212 with soft nose (code 954, P96 or 772)
Reason for change	Repair method expanded
Reason for block	

Complaint:

Wind noises (whistling) at windshield between approx. 55 and 75 mph

Cause:

Possible cause: Gap between bumper and chrome surround of radiator trim (Figure 1).

To find out whether the gap is actually the cause of the whistling noise, please tape over the transition between the bumper and the chrome surround using a suitable adhesive tape and perform a test drive (Figure 2).

If the wind noise disappears, it was caused by the gap between the bumper and the chrome surround and can be eliminated by sticking foam elements into the chrome surround.

Note: The document does not cover any other reasons for wind noises.

Attachments	
File	Description
Bild 1.jpg	Gap between bumper and chrome surround of radiator trim

Remedy:

Detach bumper and seal gap between bumper and chrome surround with foam:

1. Remove bumper
2. Undo 4 bolts (Torx 10) at top of chrome surround (Figure 3)
3. Carefully remove chrome surround using a wedge (Figure 4)
4. Prepare foam elements (Figure 5)
5. Stick foam elements between cavities (adhesive surface facing down) (Figures 6 and 7)
6. Assemble bumper and reattach to vehicle
7. Perform a test drive

If the wind noises are still present after installation of the foam elements, again tape over the transition and perform a test drive to find out whether the wind noises are still being caused by the gap at the transition. If this is the case, proceed with the repair below

Remedy: Set the gap dimension and the transition from the bumper to the engine hood to the maximum permissible values in order to reduce the stresses in the bumper. If it is not possible to eliminate the whistling noise with this adjustment, there is the option of fixing the catch hooks of the chrome frame in place with adhesive.

Procedure for fixing catch hooks in place:

1. Fix chrome frame in place with masking tape (Figure 8). The gap of the chrome frame must be checked using a gauge. Specified dimension: < 0.5 mm
2. The upper catch hooks are glued in the marked areas with the 2-component adhesive* (Figure 9, item B). The bumper must remain in position until the adhesive has cured (observe the instructions for the adhesive).

*Note on 2-component adhesive:

2-component PU adhesive strong/ hard or similar adhesive (Working time 2 minutes, 2-component plastic adhesive.)

Attachments	
File	Description
Bild 2.jpg	Tape over transition between bumper and chrome surround
Bild 3.jpg	Loosen bolts
Bild 4.jpg	Carefully detach chrome surround using assembly wedge
Bild 5.jpg	Prepare foam elements
Bild 6.jpg	Glue in foam elements
Bild 7.jpg	Chrome surround with foam elements attached
Bild 8.jpg	Fix chrome frame on bumper with adhesive tape, shown on an AMG bumper
Bild 9.jpg	Glue tabs of chrome frame, shown on an AMG bumper. Only glue the tabs locally

Symptoms
Body / Body/Cab / Body noises / Wind noises

Parts						
Part number	ES1	ES2	Designation	Quantity	Note	EPC
A 124 774 01 90			Damper	1		X

Work units				
Op. no.	Operation text	Time	Damage code	Note
			88312 39	

Validity		
Vehicle	Engine	Transmission
212.001	*	*
212.002	*	*
212.003	*	*
212.004	*	*
212.005	*	*
212.020	*	*
212.021	*	*
212.023	*	*
212.024	*	*
212.025	*	*
212.026	*	*
212.027	*	*

212.034	*	*
212.035	*	*
212.036	*	*
212.040	*	*
212.041	*	*
212.047	*	*
212.048	*	*
212.052	*	*
212.053	*	*
212.054	*	*
212.055	*	*
212.056	*	*
212.057	*	*
212.059	*	*
212.065	*	*
212.067	*	*
212.072	*	*
212.073	*	*
212.074	*	*
212.075	*	*
212.076	*	*
212.077	*	*
212.080	*	*
212.082	*	*
212.087	*	*
212.088	*	*
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212.154	*	*
212.165	*	*
212.195	*	*
212.202	*	*
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212.205	*	*

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212.257	*	*
212.259	*	*
212.265	*	*
212.267	*	*
212.272	*	*
212.273	*	*
212.274	*	*
212.275	*	*
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212.280	*	*
212.282	*	*
212.287	*	*
212.288	*	*
212.289	*	*
212.291	*	*
212.292	*	*
212.293	*	*
212.294	*	*
212.298	*	*

Attachments

Bild 1.jpg:



Bild 2.jpg:



Bild 3.jpg:

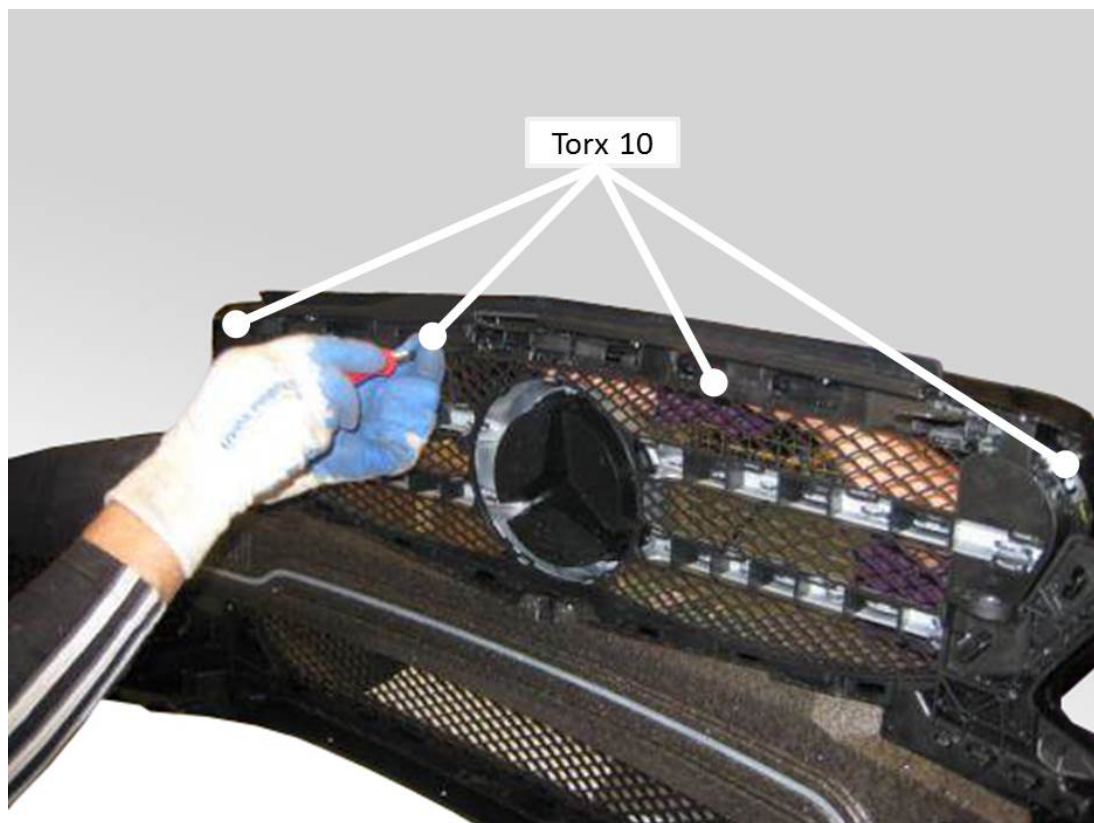


Bild 4.jpg:

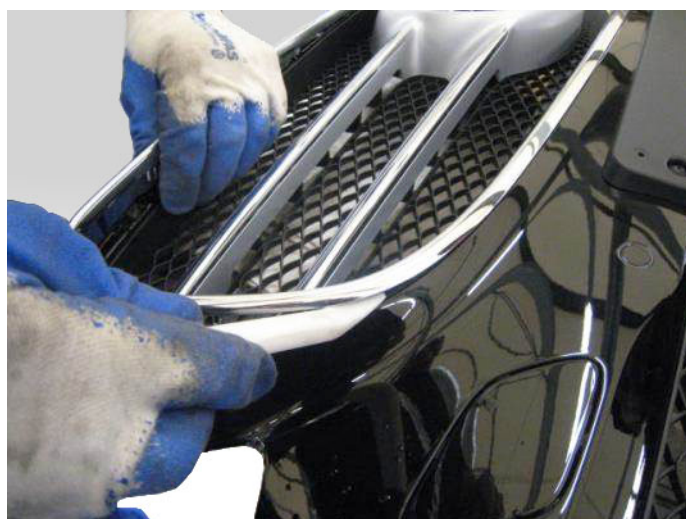


Bild 5.jpg:



Bild 6.jpg:



Bild 7.jpg:

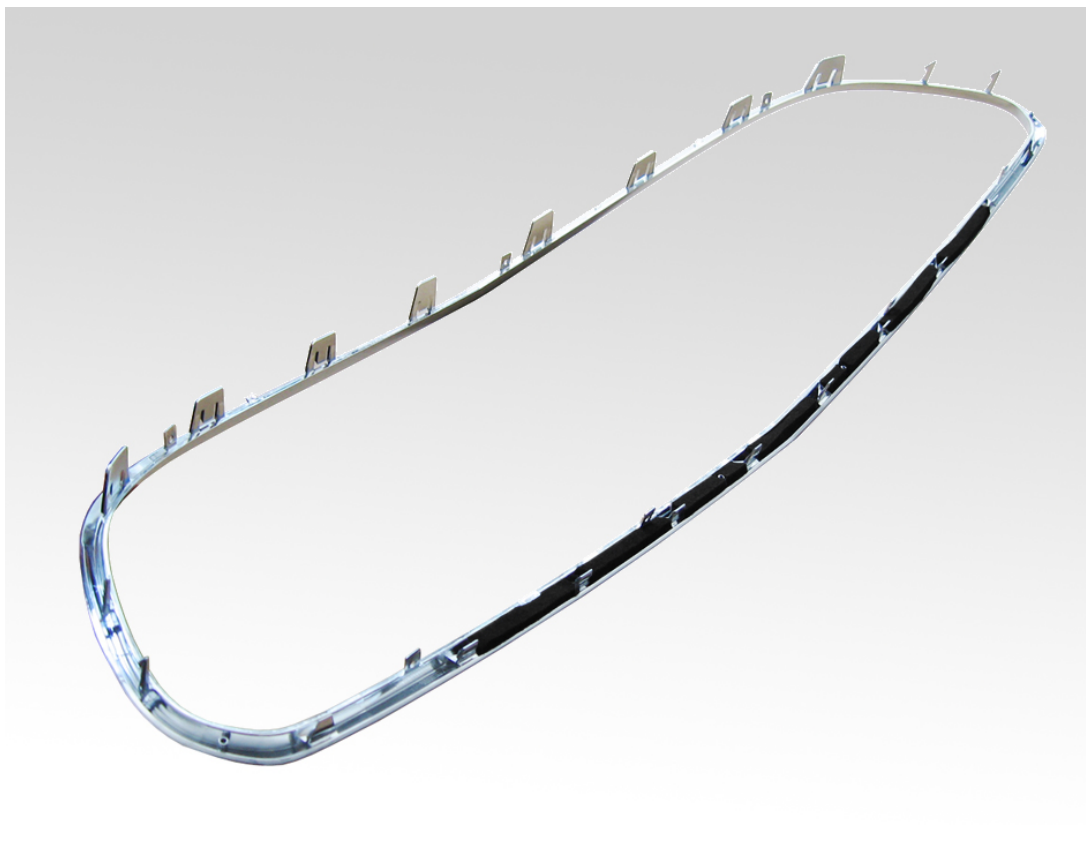


Bild 8.jpg:

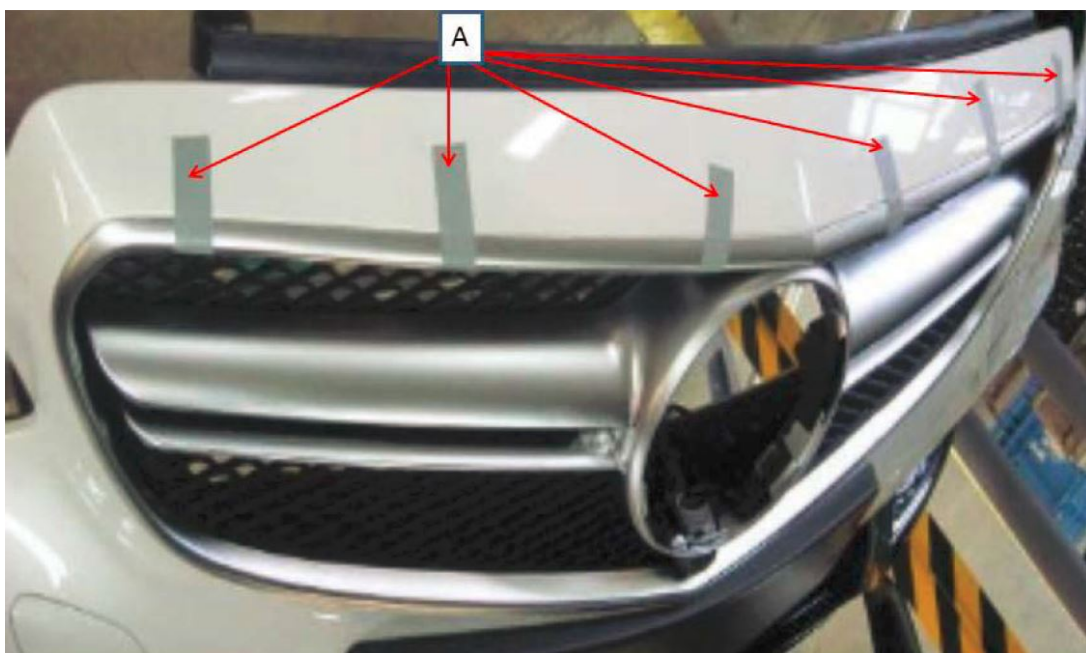


Bild 9.jpg:

