GranCabrio Side Window Noise Diagnostic Guide

DATE: April 17, 2025

This Diagnostic Sheet serves as a guide and provides additional diagnostic info for possible side window noise anomalies.

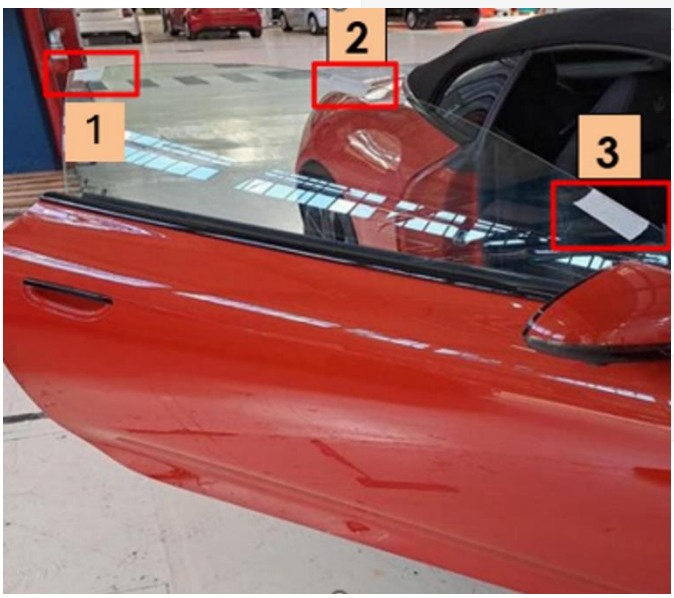
In the event of a concern relating to aerodynamic noise from the side windows of the New GranCabrio while traveling, the following diagnostics checklist must be applied and the required troubleshooting must be reported using Blue On Line (Factory Information) before adjusting the windows.

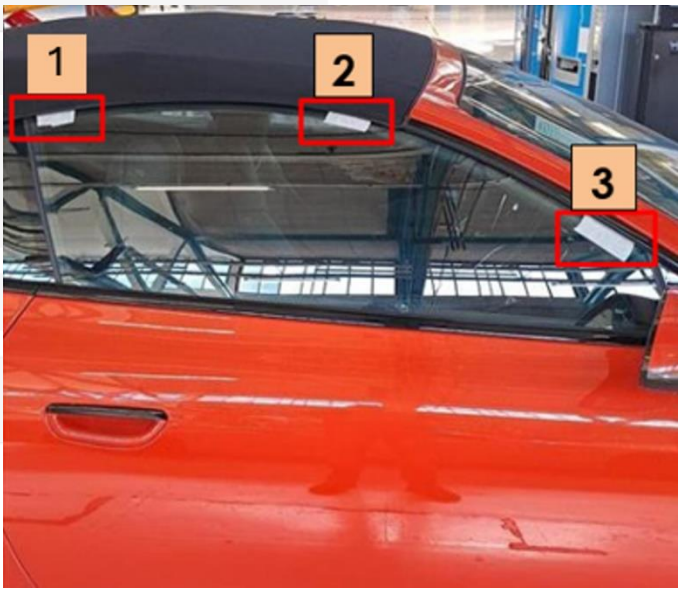
MODELS: M189 GranCabrio (All MY).

Troubleshooting

1) Test drive the vehicle and find where the noise is coming from.

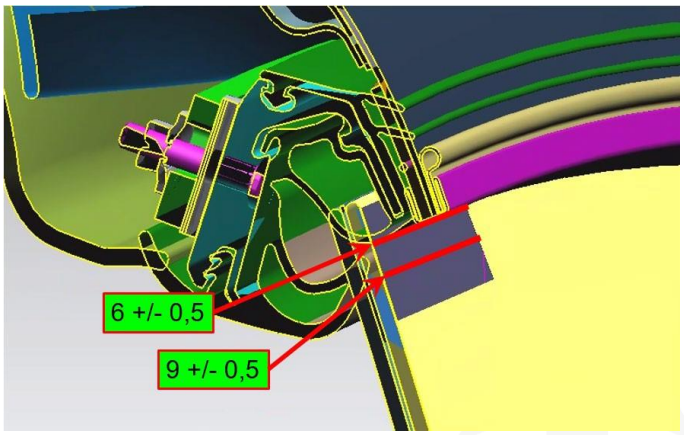
2) Apply three pieces of tape to the window in the points highlighted below, then close the door and the window:



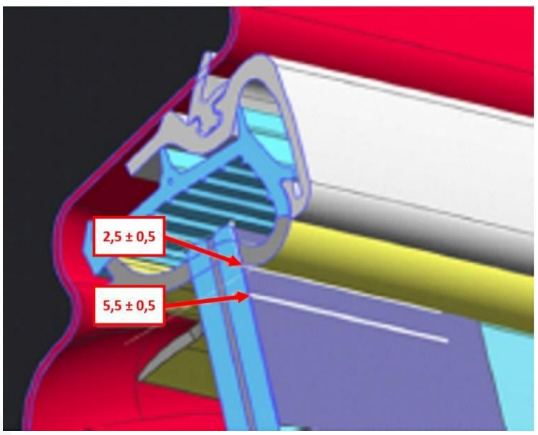


3) Draw 2 lines on each of the 3 strips of tape in the positions indicated in the following images to measure the insertion of the window into the weatherstrip in the three points. The specification provides for an insertion range between 5.5 and 9.5 mm in points 1 and 2 and between 2 and 6 mm in point 3.

Points 1-2



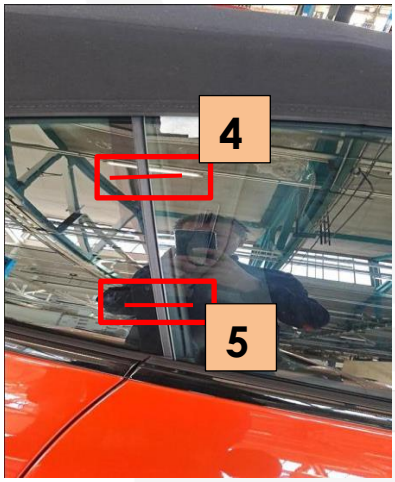
Point 3

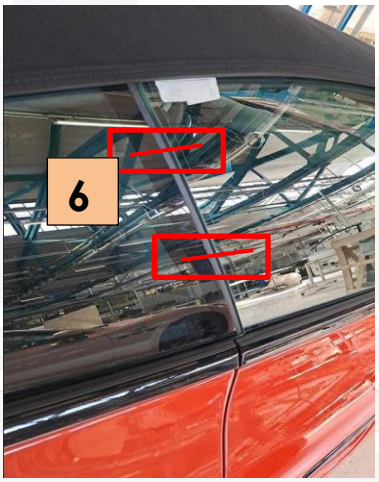


4) With the window closed, measure the following two indicated points:

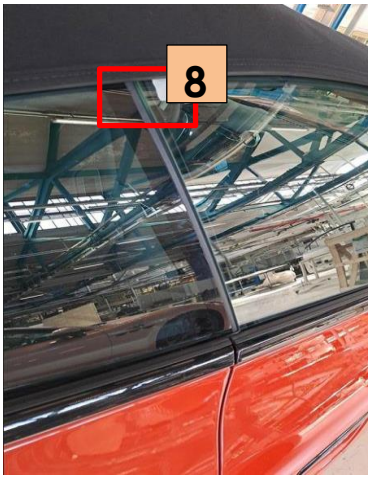
- Clearance between descending window and mobile rear window (Nominal Value 10 ± 1.5 mm), see image below points 4 and 5.
- The profile between the descending window and mobile rear window (Nominal Value 1.5 ± 1 mm), see image under points 6 and 7.

Note: The descending window must always reach over the rear one.

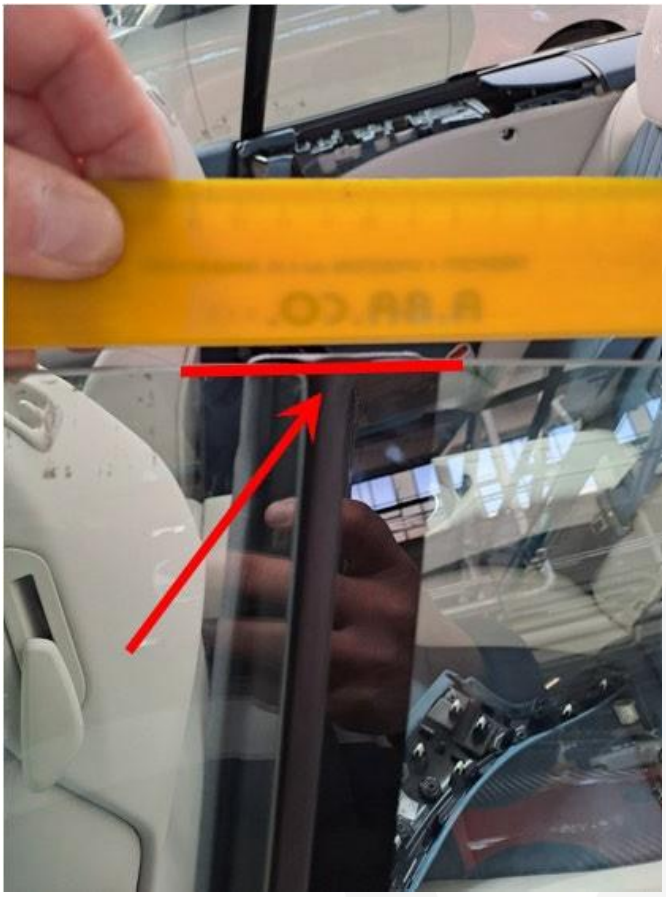


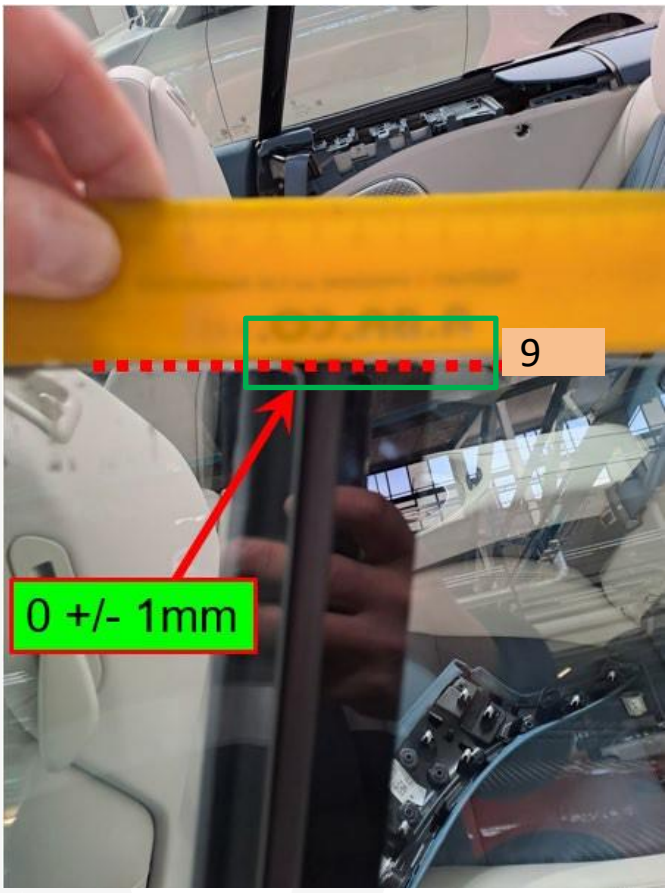


5) In closed window conditions, check the coupling between the window and the rear weatherstrip (The window must butt against the weatherstrip).



6) Mobile rear window alignment: Open the convertible top in Convertible mode and make sure that the mobile rear window and the descending window are in aligned positions as in the





7) Evaluate the correctness of the coupling of the mirror triangle (the mirror triangle must be under the upper molding).

8) Evaluate the correctness of the coupling between the hood fender and the window scraper molding

The window scraper molding must always reach under the hood fender).

NOTE: Report the values recorded in the summary table below and report the required results using Blue On Line as (Factory Information).

Warranty Claim

Only the operations described in this publication will be recognized under warranty.
The check (and possible registration) may only be required for the side subject of the customer complaint.
Any additional requests will be rectified automatically.
CAUTION: Please enter two separate claims, one for each side of the

operation: RH SIDE

Description	Part Number
Component Code	9.34.005
Operation Code: ▪ Check only ▪ Check and adjustment	 9.34.05.A (0.85 h) Right 9.34.05.B (1.05 h) Right

LEFT SIDE

Description	Part Number
Component Code	9.34.006
Operation Code: ▪ Check only ▪ Check and adjustment	 9.34.06.A (0.85 h) Left 9.34.06.B (1.05 h) Left

We remain at your disposal for clarification. Best regards,

TECHNICAL SERVICE OPERATIONS

	Indicated source? [YES/NO]	NOTES
Indicate the area of origin of the noise and the side (RH/LH) in the figure below.		

	Measured value [mm]	Design values [mm]	On target [YES/NO]	NOTES
Window insertion point 1		from 2 to 6		
Window insertion point 2		from 2 to 6		
Window insertion point 3		from 2 to 6		
Window clearance point 4		10 ± 1.5		
Window clearance point 5		10 ± 1.5		
Window profile point 6		1.5 ± 1.0		Mobile rear window overreach
Window profile point 7		1.5 ± 1.0		Mobile rear window overreach

		Photo attached to BOL [YES/NO]	Conforming [OK/NOK]	NOTES
Window coupling (point 8)	*Attach photo to BOL*			In contact with weatherstrip
Alignment of door window with mobile rear window (point 9)	*Attach photo to BOL*			
Mirror triangle profile (point 10)	*Attach photo to BOL*			Under molding profile
Window scraper profile (point 11)	*Attach photo to BOL*			Under the box hood fender

Indicate below:

Date:

Time:

Car VIN:

BOL Number:

Name of person in charge of BOL who followed the case: