



DTB

Date: November 14, 2005
Order No.: P-B-72.10/51
Supersedes:
Group: 72

**SUBJECT: Model 171.454/456/473
Wind Noise and/or Water Leak Between Door Glass and Rear Quarter Window**

If you receive customer reports in the above model vehicles regarding wind noise and/or water leak from the area between the door glass and the rear quarter window, this may occur if the gap between these windows is not parallel or even (Figure 1, arrows) when the windows are fully closed. The non-parallel or uneven gap can occur if either or both windows are adjusted too far rearward. To resolve, perform the below adjustments.

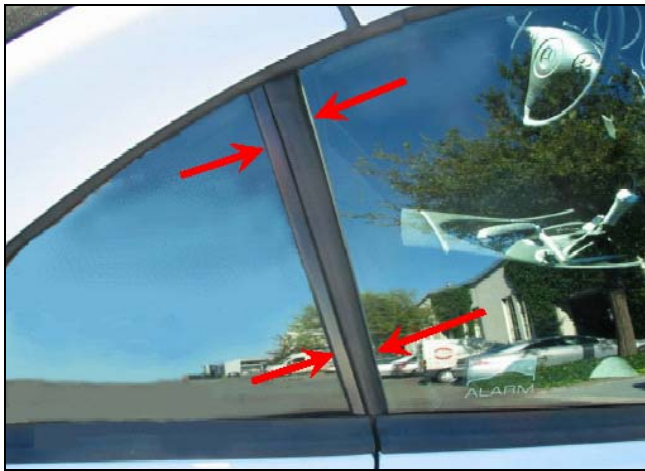


Figure 1 P-B-72.10/51

Adjustment to Door Glass

1. Connect battery charger to maintain voltage of 12.5V.
2. Remove interior door trim panel, refer to WIS Document AR72.10-P-1000V.

This bulletin has been created and maintained in accordance with MBUSA-SLP S423QH001, Document and Data Control, and MBUSA-SLP S424HH001, Control of Quality Records.

3. Loosen front and rear bolts on window lifter with window lowered 2/3 of the way down (Figure 2 and 3, circles).
4. Push window all the way forward to the stop.
5. Mark position of the window and then move the window 2 mm rearward.
6. Retighten front and rear bolts to 9 +/- 0.5 Nm.



Figure 2 P-B-72.10/51



Figure 3 P-B-72.10/51

7. Check position of front and rear window guide rails in the vertical direction. The window overlaps the roof seal by 2 mm (Figure 4, arrow).
8. With the door closed, check window for parallel gap and readjust if necessary. The gap must be parallel to the front section of the roof and 1 mm smaller in the area of the A-pillar (Figure 5, arrows).
9. Turn down the front and rear height adjustment stops (Figure 6, circle, only front adjuster shown) approximately 5 turns each.



Figure 4 P-B-72.10/51



Figure 5 P-B-72.10/51



Figure 6 P-B-72.10/51

10. With the door and window closed, move height adjustment stops into position from inside the vehicle by pressing the quick release fitting (Figure 6, circle – only front adjuster shown) upwards.
11. Check the Z-dimension (protrusion of the side window relative to the mirror triangle 1 mm (Figure 7 and 8). If the dimension is not okay, loosen the front clamping jaws with the window upwards.
12. With the door and window closed, push height adjustment stops (Figure 6, circle) upwards again from inside the car.
13. Reinstall interior door trim panel, refer to WIS Document AR72.10-P-1000V.

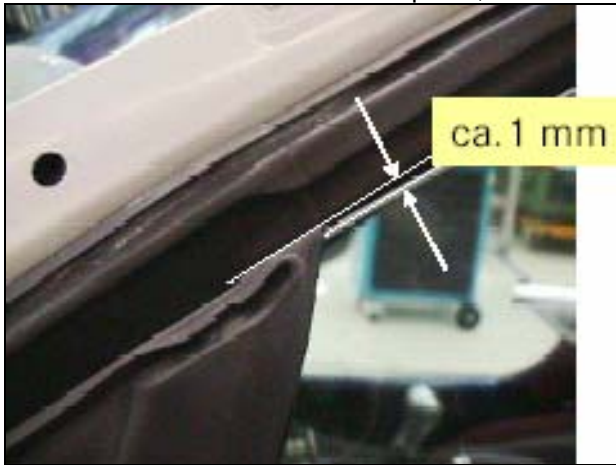


Figure 7 P-B-72.10/51



Figure 8 P-B-72.10/51

Adjustment to Rear Window

1. Open Vario Roof.
2. Detach trim at base of window.
3. Raise rear window using DAS actuations.
4. Check B-gap, should be 8.5 +1 mm (Figure 9).
5. If the B-gap is not okay, loosen bolts of clamping jaws (Figure 10, circles) and readjust rear window. Then retighten bolts (Figure 10, circles) to 4.5 +/- 0.5 Nm.



Figure 9 P-B-72.10/51

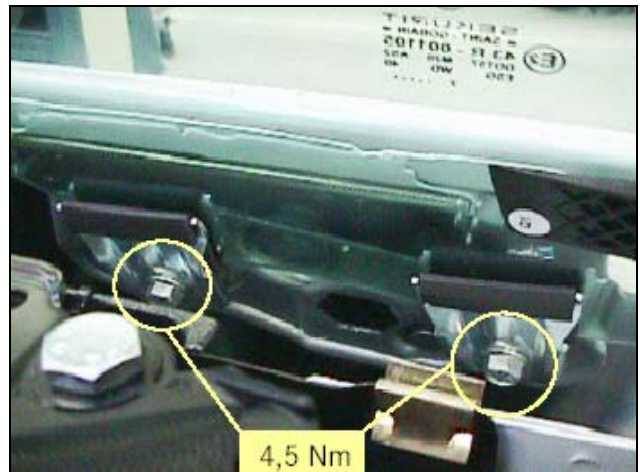


Figure 10 P-B-72.10/51

6. Check transition from door window to side window in Z-direction (Figure 11). The front edge of the door window must be set approximately 1 to 2 mm lower than the top edge of the side window.
7. The Z-direction setting is adjusted via the height stops (Figure 12, arrows); the direction of adjustment is indicated by the arrows. The rear side window must be lowered again using DAS actuations in order to obtain the maximum range of adjustment for the height stops. Then loosen the bolts for the height adjustment stops by turning the bolt clockwise (Figure 13, circle) and adjust the

- stop. After adjusting, retighten the bolts to 6 -1 Nm.
8. Repeat steps 4 to 7 until the B-gap and Z-setting (transition) are okay.
 9. Close Vario Roof with rear window lowered and check whether the window reaches the end position and that the B-gap is okay.
 10. Reattach trim at base of side window and close roof.
 11. Reinstall interior door trim panel.
 12. Denormalize and renormalize windows using DAS.
 13. Disconnect battery charger.

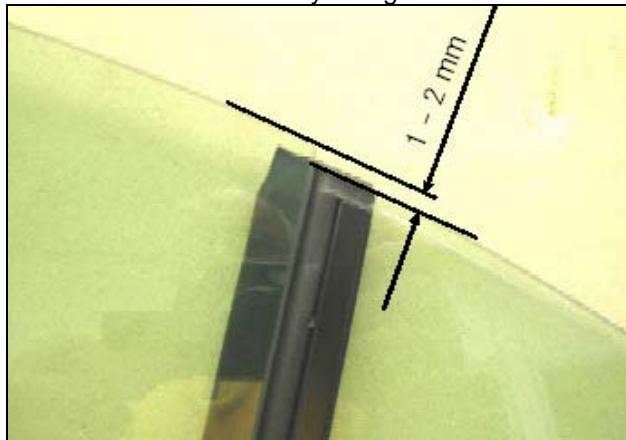


Figure 11

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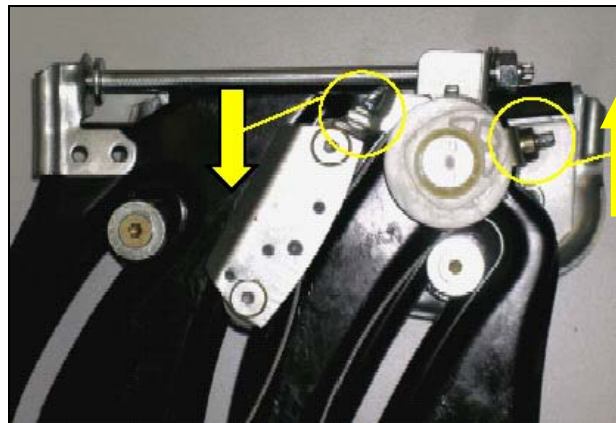


Figure 12

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Figure 13

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i **Note:** The following allowable labor operations should be used when submitting a warranty claim for this repair.

In Case of Warranty

Operation: Door window– one front (specify location), adjust (72-4956)

Damage Code	Operation Number	Time (hrs.)	Model Indicator (s)
67124 42	72 4956	0.0 hrs.	X1, X2, X3