

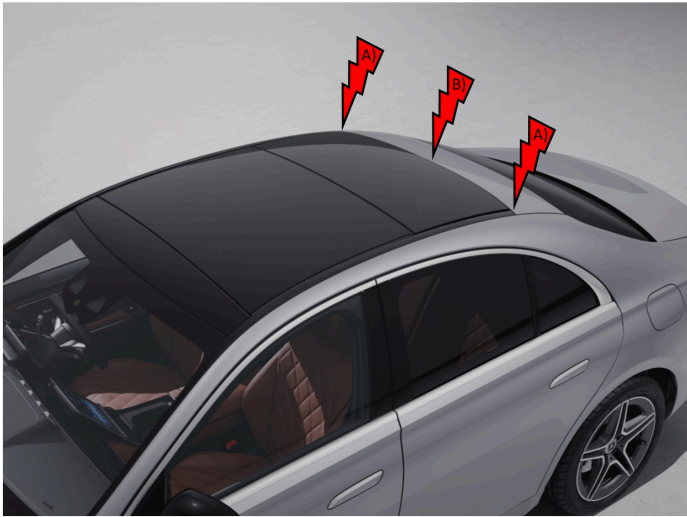
Noise from (panoramic) roof in area of C-pillars at high speeds (75+mph)

| | |
|-------------------|-----------------------------------|
| Topic number | LI65.10-P-074275 |
| Version | 1 |
| Function group | 65.10 - Roof paneling |
| Date | 3/10/25 |
| Validity | Model series 223 with SA code 413 |
| Reason for change | |

Complaint

A) Wind noise in area of rear edge of rear fixed element of panoramic sliding sunroof (EPC item 78/150/550) at speeds over approx. 75mph (Picture I)

B) Wind noise in area of rear edge of rear fixed element of panoramic sliding sunroof (EPC item 78/150/550) at speeds over approx. 120mph (Picture I)

| Attachments | |
|---|-------------|
| File | Description |
| Bild I.jpg | |
|  | |

Cause

Below are potential causes for the complaint.

A) Lifting and vibrating of sealing lip of rear roof paneling (EPC item 65/015/310) on outer left and right, at the contact surface with the end cap of the drip rail (EPC item 69/060/250)

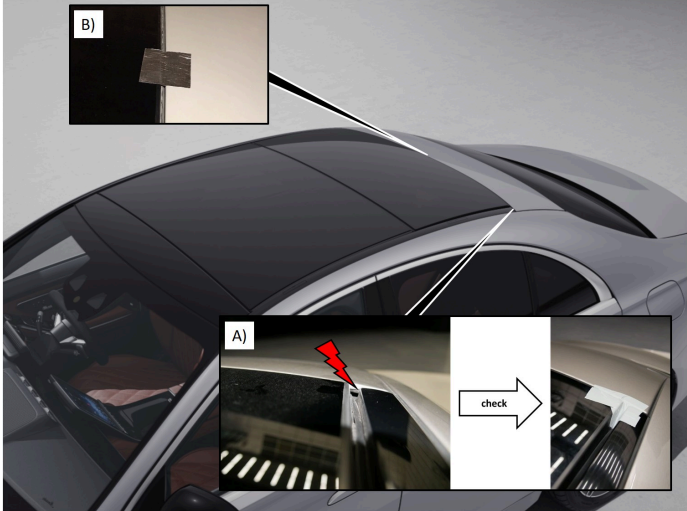
B) Lifting and vibrating of sealing lip of rear roof paneling (EPC item 65/015/310) in the center of the vehicle (Y=0), at the contact surface with the rear fixed element of the panoramic sliding sunroof (EPC item 78/150/550)

Identification of source of noise by masking off of (Picture II):

XENTRY Tips

A) Joint between drip rail (EPC item 69/060/250), rear roof paneling (EPC item 65/015/300) and rear fixed element of panoramic sliding sunroof (EPC item 78/150/550)

B) Joint between sealing lip of rear roof paneling (EPC item 65/015/310) and rear fixed element of panoramic sliding sunroof (EPC item 78/150/550), with approx. 5 cm-long adhesive strip - CAUTION: Sealing lip is very sensitive, do not damage!

| Attachments | |
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| File | Description |
| Bild II.jpg  | |

Remedy

A1) Sealing lip (EPC item 65/015/310) is mounted OVER the end cap of the drip rail (EPC item 69/060/250) (Picture III): Carefully push sealing lip under the end cap of the drip rail using a wide plastic wedge

A2) Sealing lip (EPC item 65/015/310) is mounted UNDER the end cap of the drip rail (EPC item 69/060/250) (Picture III): Trim sealing lip in extension of glass edge of rear fixed element for panoramic sliding sunroof (EPC item 78/150/550) (Picture IV)

B) Replace sealing lip (EPC item 65/015/310); to do so, the rear roof paneling (EPC item 65/015/300) must be removed (attempt to remove the rear roof paneling without damaging it; only replace if damaged)

NOTE: Before starting the repair, please ensure that the parts are available in the workshop!

| Attachments | |
|------------------------------|-------------|
| File | Description |
| Bild III.jpg | |

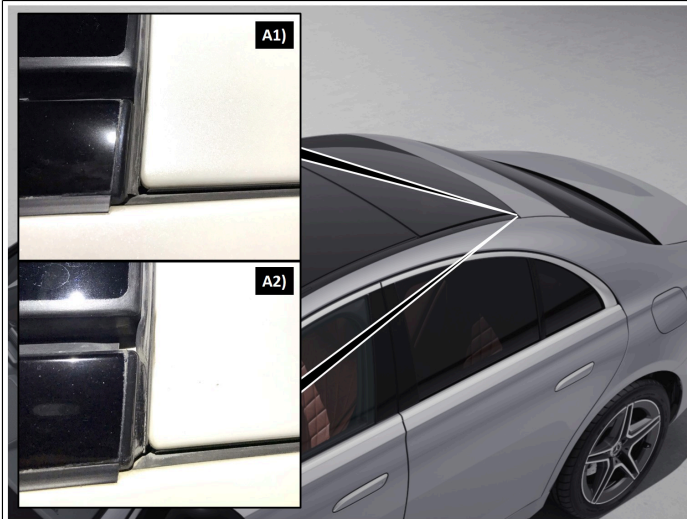
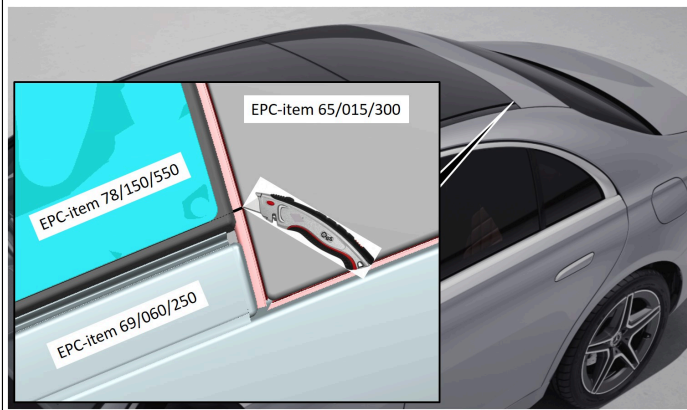


Bild IV.jpg



WIS-References

| Document number | Title | Note |
|-----------------|--------------------------------------|--------------------|
| AR88.80-P-2010S | Remove/install rear roof frame cover | Only for remedy B) |

Disclaimer

NOTE: The information contained in this document is intended for use by trained, professional technicians with the knowledge to properly and safely perform diagnosis and repairs on Mercedes-Benz vehicles, using Mercedes-Benz approved tools and equipment. It informs service technicians about conditions that could occur in certain vehicles and provides information that could assist in proper vehicle diagnosis, service, or repair. It does not indicate that a defect is present in any vehicle referenced in this document nor does it imply warranty coverage. DO NOT assume that a symptom or condition, or a described cause of a symptom or condition, affects any particular vehicle or groups of vehicles, or that a described repair applies to any particular vehicle or groups of vehicles. There can be multiple causes resulting in the same or similar symptoms or conditions described in this document, and trained professional service technicians must use their diagnostic skills to make evaluations on a case-by-case basis. The information contained in this document does not guarantee warranty coverage nor does it extend the vehicle's warranty in any way.

Symptoms

Body > Roof system > Tilting/sliding sunroof system > Wind noises

Body > Roof system > Panoramic sunroof > Deformed

XENTRY Tips

| Parts | | | | | | |
|-------------|-----|------|--|-----------|---------------------------------------|-----|
| Part number | ES1 | ES2 | Designation | Quantity | Note | EPC |
| A1767800300 | | | ROOF COVER REP.KIT, rear roof paneling | 1 | Only for remedy B) | X |
| A2236503900 | | | PANELING SEAL.KIT, rear | 1 | Only for remedy B) | X |
| A2236504000 | | 9999 | ROOF PANELING, rear | As needed | Only replace if damaged, NOT code 200 | X |
| A2236504100 | | 9999 | ROOF PANELING, rear | As needed | Only replace if damaged, code 200 | X |

| Operation numbers/damage codes | | | | |
|--------------------------------|---|------|-------------|---|
| Op. no. | Operation text | Time | Damage code | Note |
| 889585 | Replace rear roof frame cover | 23AW | 6924039 | 5 WU, painting not applicable, re-use old part, only replace seal |
| 986450 | Paint rear roof frame cover, stage 2, MET/STD (two-coat finish) | 5AW | 6924039 | Only if old part is damaged |