

Rear Airbag and/or Window Airbag Electrical Fault

Topic number	LI91.60-P-076303
Version	2
Function group	91.60 - Airbag, pedestrian protection
Date	1/8/25
Validity	Model series 223, 206, and 296 with the sales code/vehicle code 293
Reason for change	updating validity

Complaint

Electrical fault on rear airbag/window airbag. SRS indicator light on in instrument cluster.

Cause

Contact problems that may create a short circuit between the pins or to the vehicle ground

Remedy

Connect and disconnect the affected airbag five times

Then the squib must be carefully blown out with dry compressed air.

Important: There may be no mechanical contact!

If fault is not rectified:

Please measure the internal resistance as described in SI91.00-P-0005A.

If the resistor of the airbag is OK, please replace the airbag connector.

If the resistance of the airbag is not OK, please replace the airbag.

Important: Electrical fault has no bearing on operation of airbag in emergency situations. Airbag will function as designed.

WIS-References		
Document number	Title	Note
AR91.60-P-0704S	Remove/install rear airbag	Removal/installation
AR91.60-P-0693WT	Remove/install window airbag	Removal/installation

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 > Safety system > Airbag/Supplemental restraint system SRS > Indicator lamp > Airbag > lit

Control unit/fault code

Control unit	Fault text
N2/5 - Supplemental restraint system (SRS) (ORC223)	<p>B002111 - The squib for the left windowbag/headbag has a malfunction. There is a short circuit to ground.</p> <p>B002A2B - The squib for the right rear window airbag/head airbag has a malfunction. The electrical lines have a short circuit to each other.</p> <p>B002A11 - The squib for the right rear window airbag/head airbag has a malfunction. There is a short circuit to ground.</p> <p>B00292B - The squib for the right windowbag/headbag has a malfunction. The electrical lines have a short circuit to each other.</p> <p>B002911 - The squib for the right windowbag/headbag has a malfunction. There is a short circuit to ground.</p> <p>B00222B - The squib for the left rear window airbag/head airbag has a malfunction. The electrical lines have a short circuit to each other.</p> <p>B002211 - The squib for the left rear window airbag/head airbag has a malfunction. There is a short circuit to ground.</p> <p>B00212B - The squib for the left windowbag/headbag has a malfunction. The electrical lines have a short circuit to each other.</p>
N2/5 - Supplemental restraint system (SRS) (ORC223)	<p>B00392B - The squib for the right rear airbag has a malfunction. The electrical lines have a short circuit to each other.</p> <p>B00312B - The squib for the left rear airbag has a malfunction. The electrical lines have a short circuit to each other.</p>

XENTRY Tips

	<p>B003111 - The squib for the left rear airbag has a malfunction. There is a short circuit to ground.</p> <p>B003911 - The squib for the right rear airbag has a malfunction. There is a short circuit to ground.</p>
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Operation numbers/damage codes

Op. no.	Operation text	Time	Damage code	Note
			86C09	Left rear airbag
			86R09	Right rear airbag
			59A9V	Left rear airbag connector/line
			59N9V	Right rear airbag connector/line
			53322	Window airbag electric line
			86151	Window airbag/head airbag
			86B51	Left window airbag/head airbag
			86D01	Rear left window airbag/head airbag
			86P51	Right window airbag/head airbag
			86S01	Rear right window airbag/head airbag
			59488	Window airbag/head airbag K/Z*
			59A01	Left window airbag/head airbag K/Z*
			59K0D	Rear left window airbag/head airbag K/Z*
			59N01	Right window airbag/head airbag K/Z*
			59X0D	Rear right window airbag/head airbag K/Z*