



# Technical Service Bulletin

## 97 Various electrical components inoperative

97 13 38 2016275/5 October 16, 2013. Supersedes Technical Service Bulletin Group 97 number 10-14 dated September 16, 2010 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
Q7	2007 - 2014	All	Not applicable

## Condition

REVISION HISTORY		
Revision	Date	Purpose
5	-	Revised header data (Added model years, DTCs, and customer codes) Revised <i>Required Parts and Tools</i> (Added part number)
4	9/16/2010	Revised <i>Warranty</i>
3	11/17/2008	Revised Title to include Repair Group

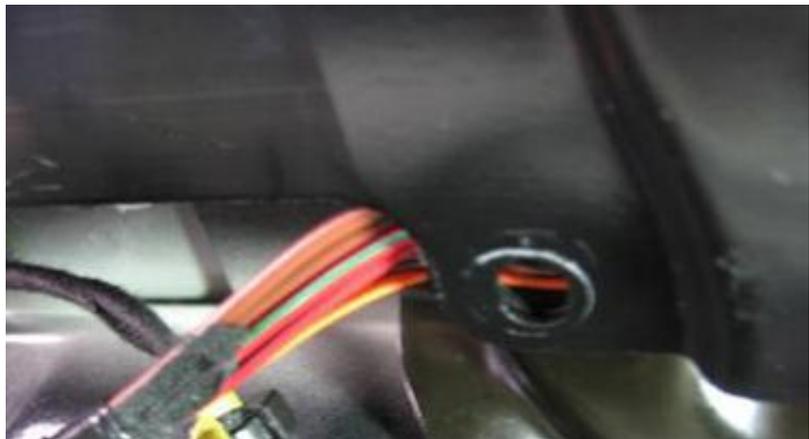
- Electrical components associated with the panorama roof, power rear lid, interior lighting, or Central Electrics (such as sunroof frame/sunshade operation, power rear lid operation with open/close switch, dome light operation, etc.) may become inoperative.
- The battery may be discharged.
- This bulletin only applies to vehicles with panorama roofs.

## Technical Background

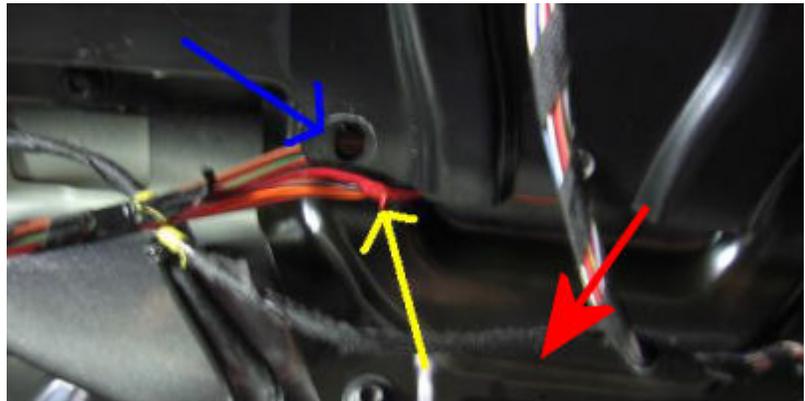
During vehicle assembly, the wire harness that is routed along the left side of the sunroof frame may be pinched at one of the sunroof frame to body assembly points (Figure 1 - Figure 4).



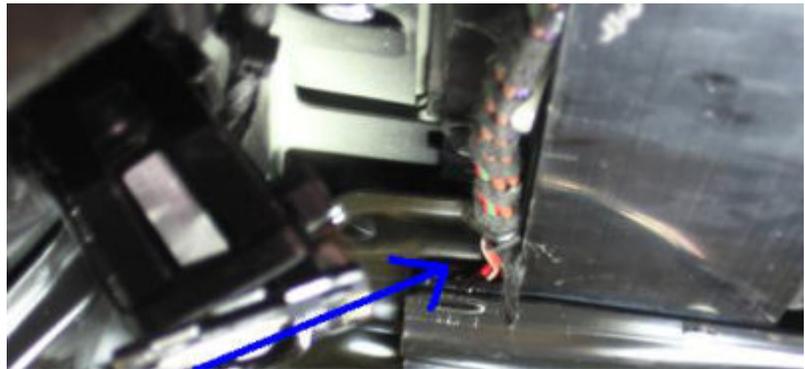
**Figure 1.** Sunroof frame and mounting bracket above left rear door.



**Figure 2.** Closer view of wires that fell out of the sunroof frame groove and would become pinched between the sunroof frame and mounting bracket. Mounting bolt removed for demonstration purposes.



**Figure 3.** Bracket that fastens the sunroof frame to the body (red arrow), sunroof frame (blue arrow), and pinched wire (yellow arrow).



**Figure 4.** Wire, pinched between the sunroof frame and the bracket that holds the frame to the body on the left side of the vehicle above the C-pillar. Photo taken from the rear hatch opening.

## Production Solution

Improved wire harness routing.

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## Service

Repair damaged wires using the VAS Repair Kit 1978 (Figure 5).



**Figure 5.** VAS Repair Kit 1978

## Warranty

<b>Claim Type:</b>	Use applicable claim type. If vehicle is outside any warranty, this Technical Service Bulletin is informational only.		
<b>Service Number:</b>	9709		
<b>Damage Code:</b>	0021		
<b>Labor Operations:</b>	Headliner remove and reinstall	7084 1900	330 TU
	Repair wire harness	9779 9999	A time (Not to exceed 150 TU)
<b>Diagnostic Time:</b>	GFF	0150 0000	Time stated on diagnostic protocol
	Road test prior to service procedure	0121 0002	10 TU
	Road test after service procedure	0121 0004	10 TU
	Technical diagnosis at dealer's discretion (Refer to Section 2.2.1.2 and Audi Warranty Online for DADP allowance details)		
<b>Claim Comment:</b>	As per TSB # 2016275/5		

All warranty claims submitted for payment must be in accordance with the *Audi Warranty Policies and Procedures Manual*. Claims are subject to review or audit by Audi Warranty.

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## Required Parts and Tools

Part Number	Part Description	Quantity
VAS 1978B	Wiring Harness Repair Set	1

## Additional Information

All parts and service references provided in this TSB (2016275) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.