

#### 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 Warranty		
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.

© 2013 Audi of America, Inc.

Page 1 of 5

All rights reserved. Information contained in this document is based on the latest information available at the time of printing and is subject to the copyright and other intellectual property rights of Audi of America, Inc., its affiliated companies and its licensors. All rights are reserved to make changes at any time without notice. No part of this document may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, nor may these materials be modified or reposted to other sites, without the prior expressed written permission of the publisher.

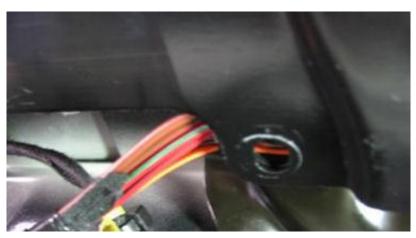


#### **Technical Background**

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.



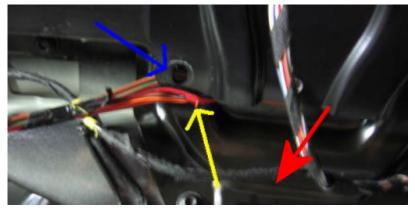
**Figure 2.** Closer view of wires that fell out of the sunroof frame groove and would become pinched between the sunroof frame and mounting bracket. Mounting bolt removed for demonstration purposes.

© 2013 Audi of America, Inc.

Page 2 of 5

All rights reserved. Information contained in this document is based on the latest information available at the time of printing and is subject to the copyright and other intellectual property rights of Audi of America, Inc., its affiliated companies and its licensors. All rights are reserved to make changes at any time without notice. No part of this document may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, nor may these materials be modified or reposted to other sites, without the prior expressed written permission of the publisher.





*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.

© 2013 Audi of America, Inc.

Page 3 of 5

All rights reserved. Information contained in this document is based on the latest information available at the time of printing and is subject to the copyright and other intellectual property rights of Audi of America, Inc., its affiliated companies and its licensors. All rights are reserved to make changes at any time without notice. No part of this document may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, nor may these materials be modified or reposted to other sites, without the prior expressed written permission of the publisher.



#### Service

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



Figure 5. VAS Repair Kit 1978

#### Warranty

Claim Type:	Use applicable claim type. If vehicle is outside any warranty, this Technical Service Bulletin is informational only.				
Service Number:	9709				
Damage Code:	0021				
Labor Operations:	Headliner remove and reinstall	7084 1900	330 TU		
	Repair wire harness	9779 9999	A time (Not to exceed 150 TU)		
Diagnostic Time:	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 allow	wance detail	s)		
Claim Comment:	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.

© 2013 Audi of America, Inc.

#### Page 4 of 5

all rights reserved. Information contained in this document is based on the latest information available at the time of printing and is subject to the copyright and other intellectual property rights of Audi of America, Inc., its affiliated companies and its licensors. All rights are reserved to make changes at any time without notice. No part of this document may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, nor may these materials be modified or reposted to other sites, without the prior expressed written permission of the publisher.



#### **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.

© 2013 Audi of America, Inc.

Page 5 of 5

all rights reserved. Information contained in this document is based on the latest information available at the time of printing and is subject to the copyright and other intellectual property rights of Audi of America, Inc., its affiliated companies and its licensors. All rights are reserved to make changes at any time without notice. No part of this document may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, nor may these materials be modified or reposted to other sites, without the prior expressed written permission of the publisher.