

# Technical Service Bulletin



## 68 Parking aid malfunctions

68 16 16 2043850/1 April 28, 2016.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
Q7	2017	All	Not Applicable

## Condition

- The LED on the Park Assist button is flashing to indicate an error with the system, and an error message is displayed on the DIS (Figure 1 and Figure 2).
- Other symptoms may include loss of courtesy lamp operation or loss of glovebox illumination.
- Fuse ST5 SB15 may be blown (Figure 3).
- One or more of the following DTCs may be stored in the vehicle electrical system control module, J519 (address word 09):
  - **DTC U141200** (Terminal 30-2 Open circuit)
  - **DTC B14BB14** (Rear parking aid warning buzzer Open)
  - **DTC B14BA14** (Front parking aid warning buzzer Open)
  - **DTC B131411** (Supply voltage for interior lighting Short circuit to ground)
  - **DTC B14BB12** (Rear parking aid warning buzzer Short circuit to B+)
  - **DTC B14BA12** (Front parking aid warning buzzer Short circuit to B+)



Figure 1. LED on Park Assist button E266.



Figure 2. Error on the DIS that appears for the customer.

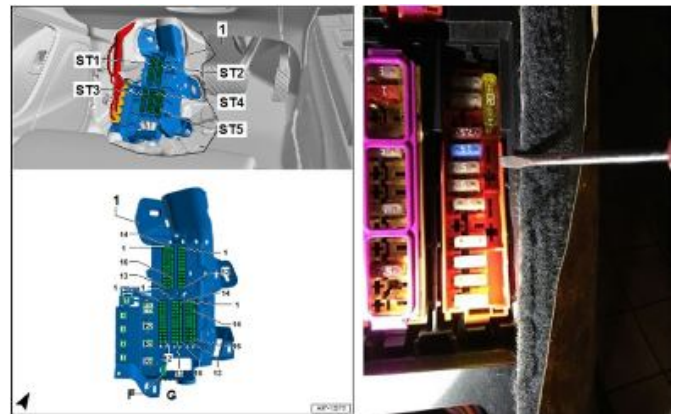


Figure 3. Fuse location.

## Technical Background

The sunvisor wiring or the wiring in the roof leading to one or both sunvisors is damaged (shorted to B+, shorted to ground or open) due to the wiring routing or damage from the sunvisor mounting screw.

## Production Solution

A production assembly instruction has been implemented to safeguard against damage during installation. Further improvements will include optimized routing of the sunvisor wiring in the visor mounting.

## Service

Remove both sun visors and inspect the wiring in the visor mounting as well as the wiring in the roof leading to the sunvisors.

- If the wiring in the visor is damaged, replace the sunvisor (Figure 4).
- If the wiring in the roof harness is damaged, it can be repaired using the VAS 1978B (Figure 5).
- If fuse ST5 SB15 if it is found to be blown, replace it.

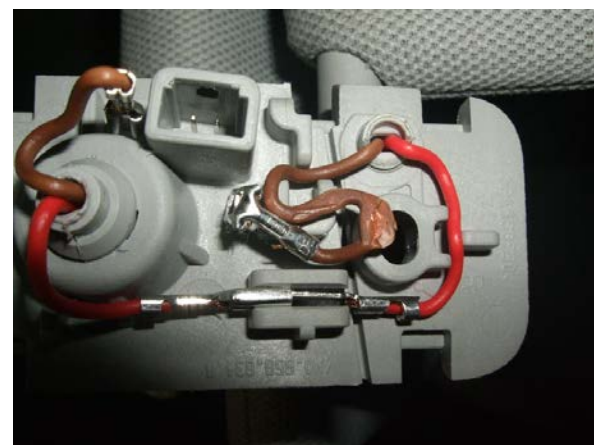


Figure 4. Sunvisor wiring damage typically found after visor removal and inspection.



**Figure 5.** Damage typically found on roof harness.

# Technical Service Bulletin




## 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>	6823 (if replacing left sunvisor alone -or- both sunvisors) 6824 (if replacing right sunvisor alone)		
<b>Damage Code:</b>	0040		
<b>Labor Operations:</b>	<b>If replacing one sunvisor:</b>		
	Sunvisor left remove and reinstall	6823 1900	20 TU
	<b>-or-</b>		
	Sunvisor right remove and reinstall	6824 1900	20 TU
	<b>If replacing both sunvisors:</b>		
	Sunvisor left and right remove and reinstall	68 23 99 99	40 TU
	<b>If repairing wiring in the roof harness:</b>		
Repair roof electrical harness	9709 4156	70 TU	
<b>Diagnostic Time:</b>	GFF	0150 0000	Time stated on diagnostic protocol (Max 20 TU)
	Road test prior to service procedure	No allowance	0 TU
	Road test after service procedure	No allowance	0 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 #2043850/1		

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.

## Required Parts and Tools

Part Number	Part Description	Quantity
4M0857551X XXX	Sunvisor with illuminated mirror and cover - Left	1
4M0857552X XXX	Sunvisor with illuminated mirror and cover - Right	1
VAS 1978B	 Wiring Harness Repair Set	1

## Additional Information

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