Technical Service Bulletin

68 Parking aid malfunctions

68 18 21 2043850/4 July 30, 2018. Supersedes Technical Service Bulletin Group 68 number 17-20 dated January 11, 2017 for reasons listed below.

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

Condition

REVISION HISTORY		
Revision	**Date**	**Purpose**
4	-	Revised *Warranty* (Added new Damage Code)
3	01/11/2017	Revised *Required Parts and Tools* (Clarifying statement added for part variations)
2	12/12/2016	Revised *Condition* (Additional photo for fuse location)

The customer states of one of the following conditions:

- 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 (Driver Information System) (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).

Figure 1. *LED on Park Assist button E266.*

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

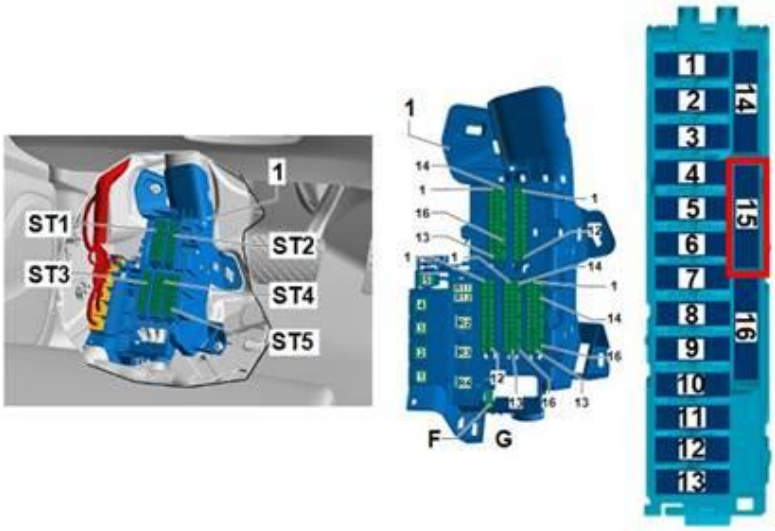

Figure 3. *Fuse location.*

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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

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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 sunvisors 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 is found to be blown, replace it.

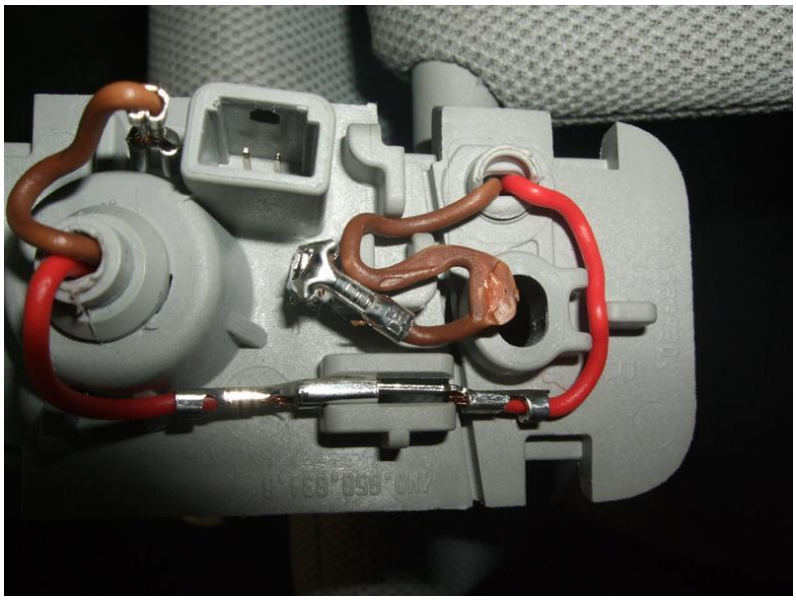

Figure 4. *Sunvisor wiring damage typically found after visor removal and inspection.*

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

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Warranty

Claim Type:	• 110 up to 48 Months/50,000 Miles. • G10 for CPO Covered Vehicles – Verify Owner. • If vehicle is outside any warranty, this Technical Service Bulletin is informational only.		
Service Number:	6823 (If replacing left sunvisor alone -or- both sunvisors) 6824 (If replacing right sunvisor alone)		
Damage Code:	0040 – For service number 6823 (If replacing left sunvisor alone -or- both sunvisors) 0010 – For service number 6824 (If replacing right sunvisor alone)		
Labor Operations:	**If replacing one sunvisor:**		
	Sunvisor left remove and reinstall	6823 1900	20 TU
	-or-		
	Sunvisor right remove and reinstall	6824 1900	20 TU
	If replacing both sunvisors:		
	Sunvisor left and right remove and reinstall	68 23 99 99	40 TU
	If repairing wiring in the roof harness:		
	Repair roof electrical harness	9709 4156	70 TU
Diagnostic Time:	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
Claim Comment:	As per TSB #2043850/4		

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

Always check with your Parts Department and/or ETKA for the latest information and parts bulletins.		
Part Number	**Part Description**	**Quantity**
4M0857551X XXX	Sunvisor with illuminated mirror and cover - Left	01
4M0857552X XXX	Sunvisor with illuminated mirror and cover - Right	01
Please use VIN to determine color code and complete part number in ETKA before ordering.		
VAS 1978B	Wiring Harness Repair Set	01
See ETKA	Fasteners, Bolts, Nuts and Screws as needed per the Repair Manual	See ETKA/ELSA

Additional Information

All parts and service references provided in this TSB (2043850) are subject to change and/or removal.

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