

# Technical Service Bulletin



**91 Rear parking aid or hands-free tailgate release inop, DTC U115200, B107D31, B107BF0, or B107E31 are stored**

91 23 89 2057357/5 April 13, 2023. Supersedes Technical Service Bulletin Group 91 number 21-85 dated March 29, 2021, for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A6, and A7	2019	All	Not Applicable

## Condition

REVISION HISTORY		
Revision	Date	Purpose
5	-	Revised <i>Required Parts and Tools</i> (updated part number)
4	03/29/2021	Revised title (Added DTC) Revised header (Added DTCs) Revised <i>Condition</i> (Added DTCs) Revised <i>Required Parts and Tools</i> (Added part number)
3	11/07/2020	Revised <i>Service</i> (Updated part number for grommet) Revised <i>Required Parts and Tools</i> (Updated part number for grommet)

### Customer states:

- The rear parking aid does not work.

### And/Or

- The trunk lid does not open using the hands-free tailgate release feature.

### Workshop findings:

- There is damage found to the T14m connector or circuitry.
- There are various DTC(s) indicating “No signal” to one or more of the rear parking aid sensors.

The following DTC is logged in the comfort control module, J393 (address word 0046):

- **DTC U115200** (control unit for rear lid opening, no communication).

### And/Or

The following DTC's for the parking aid system are logged in one of the following control modules depending on which system is installed, control module for driver assist systems, J1121 (address word 00A5) and/or vehicle electrical system control module, J519 (address word 0009):

- **DTC B107D31** (Left rear side parking aid sensor No signal).
- **DTC B107E31** (Right rear side parking aid sensor No signal).



- **DTC B107BF0** (Rear parking aid sensor function limitation).

## Technical Background

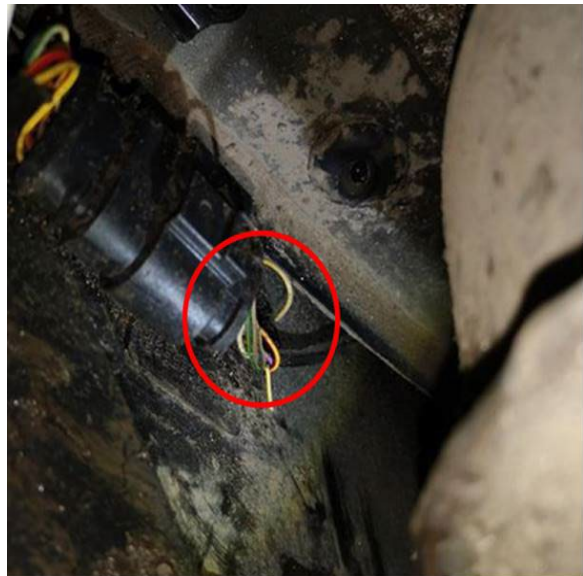
The connector housing or wires leading to connector T14m may become damaged due to road debris.

## Production Solution

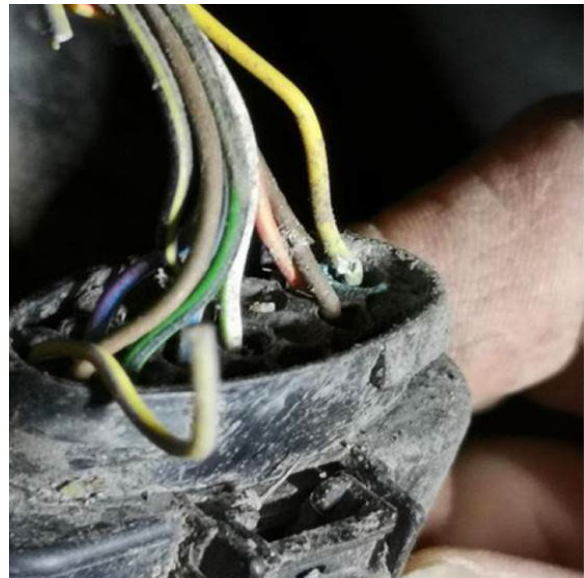
A protective grommet is now installed on the harness.

## Service

1. Inspect connector T14m and its circuitry at the left rear bumper connector station TSFHL (Figures 1 and 2).



**Figure 1.** Location to inspect T14m for damage.



**Figure 2.** Close up of T14m connector showing harness damage.

2. If there is damage found, repair the affected wires and/or connector housing using VAS1978B.
3. Slide the new grommet, part number 6X0 971 921 B onto the harness and then reassemble the connector. Ensure the grommet is fully seated on the connector before refitting the bumper.
4. Once the repair is complete, clear out all DTC's and check the system for functionality.

## Warranty

<b>Claim Type:</b>	<ul style="list-style-type: none"> <li>• 110 up to 48 Months/50,000 Miles.</li> <li>• G10 for CPO Covered Vehicles – Verify Owner.</li> <li>• If the vehicle is outside any warranty, this Technical Service Bulletin is informational only.</li> </ul>		
<b>Service Number:</b>	9759		
<b>Damage Code:</b>	0026		
<b>Labor Operations:</b>	Check bumper wiring harness	9759 0199	20 TU
	Remove and install the rear bumper cover	6369 19XX	See SRT with associated operations

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	Repair wiring loom (depends on the number of cables)	9709 41XX	See SRT with associated operations
<b>Diagnostic Time:</b>	GFF	0150 0000	Time stated on the diagnostic protocol (Max 100 TU)
	Road test prior to the service procedure	No allowance	0 TU
	Road test after the service procedure	0121 0004	10 TU
<b>Claim Comment:</b>	As per TSB 2057357/5		

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.

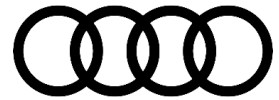
## Required Parts and Tools

Always check with your Parts Department and/or ETKA for the latest information and parts bulletins.		
Part Number	Part Description	Quantity
6X0971921B	Grommet	01
000979940	Crimp connector	As needed
6X0973817	Connector housing male (if needed)	01
4H0973717	Connector housing female (if needed)	01
See ETKA	Fasteners, Bolts, Nuts, and Screws as needed per the Repair Manual	See ETKA/ELSA

Tool Number	Tool Description
VAS1978B	Wiring Harness Repair Set
VAS 6160/VAS 6150	VAS tester with the current version of ODIS (Windows 10)

## Additional Information

All parts and service references provided in this TSB (**2057357**) are subject to change and/or removal.



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