



Technical Service Bulletin

55 Guide to finding water ingress on the rear lid structure

55 24 88 2060265/3 February 1, 2024. Supersedes Technical Service Bulletin Group 55 number 21-55 dated April 7, 2021 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A6 allroad	2020 – 2024	All	Not Applicable
RS 6 Avant	2021 – 2024		

Condition

REVISION HISTORY		
Revision	Date	Purpose
3	-	Revised header (Add model years) Revised <i>Service</i> (Change to sealant part number) Revised <i>Warranty</i> (Change SRT's) Revised <i>Required Parts and Tools</i> (Change to sealant part number, new images)
2	04/07/2021	Revised header (Added MY 2022) Revised <i>Warranty</i> (Updated Labor Operation TU) Revised <i>Required Parts and Tools</i> (Change in materials and application tool)
1	08/04/2020	Initial publication

Customer states:

- When the rear lid is opened, water can be heard sloshing from the bottom of the rear lid shell to the top of the rear lid shell.
- Water may run into the rear lid hinges and into the vehicle.

Workshop findings:

- The presence of water is confirmed in the rear lid shell. The point of water entry cannot be conclusively determined.

Technical Background

The seam sealer used to seal adjoining panels may have a flaw causing a small opening that can allow water to enter the rear lid shell. This TSB shows areas of the rear lid shell where sealer flaws may exist.



Technical Service Bulletin

Production Solution

Not applicable.

Service

! NOTICE

Confirm the symptom and that it is clearly attributable to the issue described in the *Technical Background* in this TSB. The following work procedure must only be carried out if the symptom described has been confirmed and the source of the water ingress is as described in the *Technical Background*.

1. Remove the rear lid trim and perform a leak test on the rear lid. With the lid trim removed visual and physical access to the rear lid structure can be gained. Mix a solution of dish detergent and water and add to a spray bottle. Spray the solution on the area shown in Figure 1 while blowing compressed air from the inside of the rear lid structure and watch for bubble formation.



Figure 1. Bubble formation with compressed air applied internally.

2. Should bubbles form in this area, Figure 2 shows the area where the body sealant may be flawed.





Technical Service Bulletin

3. When the tail lamp is removed the sealer flaw can be found.

Figure 2. Area where sealer flaw is likely.



Figure 3. Possible sealer flaw area behind tail lamp.



Figure 4. Close up view of sealer flaw.



Technical Service Bulletin

4. Figure 5 shows another possible area where a sealer flaw can be found. The holes or gaps can be very small yet allow water ingress.



Figure 5. Another area of a possible flaw.

5. The flaws may not be limited to the rear tail lamp recesses but can be found along the side of the rear lid structure.



Figure 6. Sealer flaw on side of rear lid.



Technical Service Bulletin



Figure 7. Close up view of the sealer flaw.

6. Additionally, sealer flaws or incorrect sealing of the rear lid trim can be found in the area where the rear lid exterior trim is mounted. Replace the rear lid trim strip if it is found to be the cause of the sealing issue.

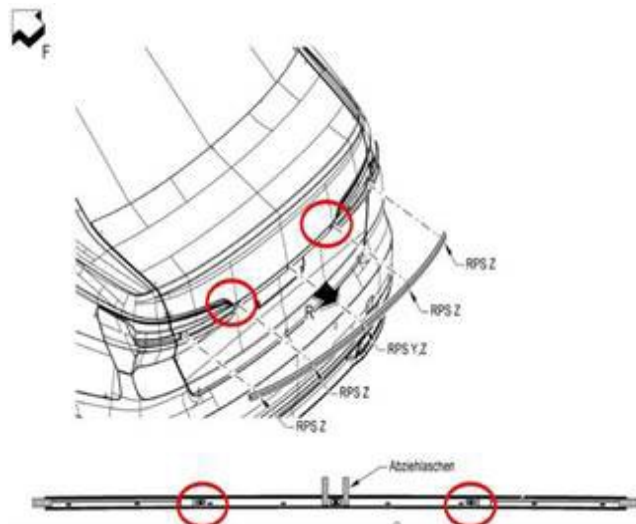


Figure 8. Rear lid trim mounting areas to check for water ingress.



Technical Service Bulletin

7. In cases where the sealer flaw is located in a concealed area (e.g. behind a tail lamp) the openings can be repaired by applying D 476KD1M2 or D 476KD1M3 sealant to the openings with a brush. To the corresponding area on the inside of the rear lid shell apply D 321M16M2 cavity preservative using a brush. Ensure the application area is thoroughly clean and allow the sealant to cure as instructed. Touch up painted surfaces as necessary.



Figure 9. Concealed areas repaired with D 476KD1M2 or D 476KD1M3 sealant.

8. If the sealer flaw is in a visible area send the vehicle to your bodyshop for repair as finish paintwork will be required.

Warranty

Claim Type:	<ul style="list-style-type: none"> • 110 up to 48 Months/50,000 Miles. • G10 for CPO Covered Vehicles – Verify Owner. • If the vehicle is outside any warranty, this Technical Service Bulletin is informational only. 		
Service Number:	5559		
Damage Code:	0050		
Labor Operations:	Remove and install rear lid trim	7092 1900	See SRT with associated operations
	Inner taillight lens remove and reinstall	9434 1900	See SRT with associated operations
	OR		



Technical Service Bulletin

	Both inner taillight lenses remove and reinstall	9434 2000	See SRT with associated operations
	Rear trunk trim molding remove and reinstall	6647 1902	See SRT with associated operations
	Apply sealant to rear lid	5559 5199	30 TU
	Body paint application with a brush. Includes the paint material (concealed area).	5101 7941	See SRT with associated operations
	Body repair and paint work through body shop. Includes the surface preparation (visible area).	5101 7999	150 TU
	Body seal coat cavity	5101 7501	See SRT with associated operations
Diagnostic Time:	GFF	No allowance	0 TU
	Road test prior to the service procedure	No allowance	0 TU
	Road test after the service procedure	No allowance	0 TU
Claim Comment:	As per TSB 2060265/3		

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
See ETKA	Fasteners, Bolts, Nuts, and Screws as needed per the Repair Manual	See ETKA/ELSA





Technical Service Bulletin

<p>D 476KD1M2 -OR- D 476KD1M3</p>		<p>0.1</p>
<p>D 321M16M2</p>		<p>0.3</p>
<p>Or the following alternative product available from the <i>Top Service Supplies and Touch Up Paint e-store</i>:</p>		





Technical Service Bulletin

08852 3M™ Cavity Wax	 <p>Cavity Wax</p>	0.3
If necessary:		
4K5853927 XXX	 <p>Trim strip for tailgate</p>	01

Tool Number	Tool Description
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Technical Service Bulletin

VAG 1379 or equivalent generic sprayer	 <p data-bbox="889 747 1019 779">Spray Gun</p>
OR	
VAG 1538 or equivalent generic sprayer	 <p data-bbox="889 1083 1182 1115">Suction Feed Spray Gun</p>

Additional Information

All parts and service references provided in this TSB (2060265) are subject to change and/or removal.

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