



# Technical Service Bulletin

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## 55 Guide to finding water ingress on the rear lid structure

55 21 55 2060265/2 April 7, 2021. Supersedes Technical Service Bulletin Group 55 number 20-48 dated August 4, 2020 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A6 allroad, RS6 Avant	2020 - 2022	All	Not Applicable

## Condition

REVISION HISTORY		
Revision	Date	Purpose
2	-	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.

## Production Solution

Not applicable.



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## Service



### Note:

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.



**Figure 2.** Area where sealer flaw is likely.



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



*Figure 3. Possible sealer flaw area behind tail lamp.*



*Figure 4. Close up view of sealer flaw.*



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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.*



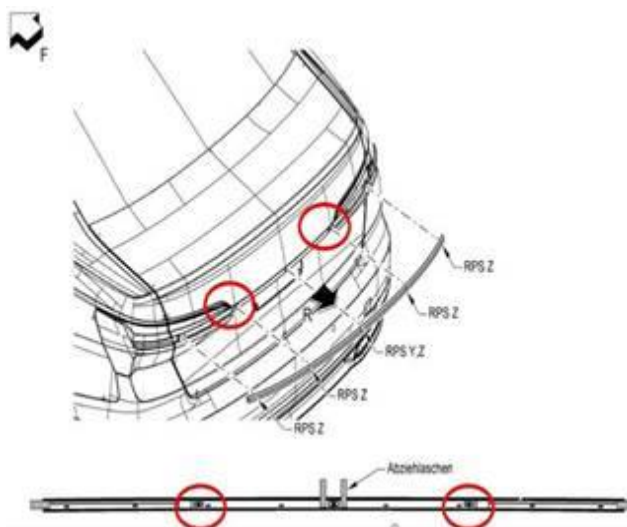
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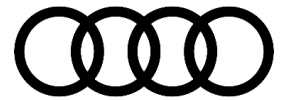


**Figure 7.** Close up view of the sealer flaw.

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.



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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 511 500 A2 1k adhesive sealant to the openings with a brush. To the corresponding area on the inside of the rear lid shell apply D 321 M16 M2 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.

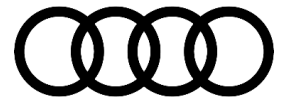


**Figure 9.** Concealed areas repaired with D 511 500 A2 1k adhesive sealant.

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

<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>	5559		
<b>Damage Code:</b>	0050		
<b>Labor Operations:</b>	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



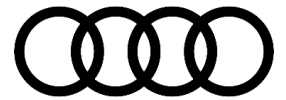
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	<b>OR</b>		
	Both inner taillight lenses remove and reinstall	9434 2000	See SRT with associated operations
	Rear trunk trim molding remove and reinstall	6647 1902	See SRT with associated operations
	Apply sealant to rear lid	5559 9999	30 TU
	Body 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 9999	150 TU
	Body seal coat cavity	5101 7501	See SRT with associated operations
<b>Diagnostic Time:</b>	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
<b>Claim Comment:</b>	As per TSB #2060265/2		



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
D 511500A2	1k adhesive sealant	0.1





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D 321M16M2	 <p>Anti-corrosion wax</p>	0.3
Or the following alternative product available from the <b>Top Service Supplies and Touch Up Paint e-store</b> :		
08852 3M™ Cavity Wax	 <p>Cavity Wax</p>	0.3
<b>If necessary:</b>		
4K5853927	Trim strip for tailgate	01





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Tool Number	Tool Description
VAG 1379 or equivalent generic sprayer	 Spray Gun
<b>OR</b>	
VAG 1538 or equivalent generic sprayer	 Suction Feed Spray Gun

## Additional Information

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

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