



Technical Service Bulletin

55 Guide to finding water ingress on the rear lid structure

55 24 93 2073283/1 March 5, 2024.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
Q4 e-tron, and Q4 Sportback e-tron	2022 – 2023	All	Not Applicable

Condition

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

The sealer application process has been improved in production.

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*.



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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 Figures 1, 2 and 3 while blowing compressed compressed air from the inside of the rear lid structure and watch for bubble formation.



Figure 1. Bubble formation with compressed air applied internally.



Figure 2. Bubble formation with compressed air applied internally.



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Figure 3. Bubble formation with compressed air applied internally.

4. Figure 4 shows a possible location of insufficient sealant.

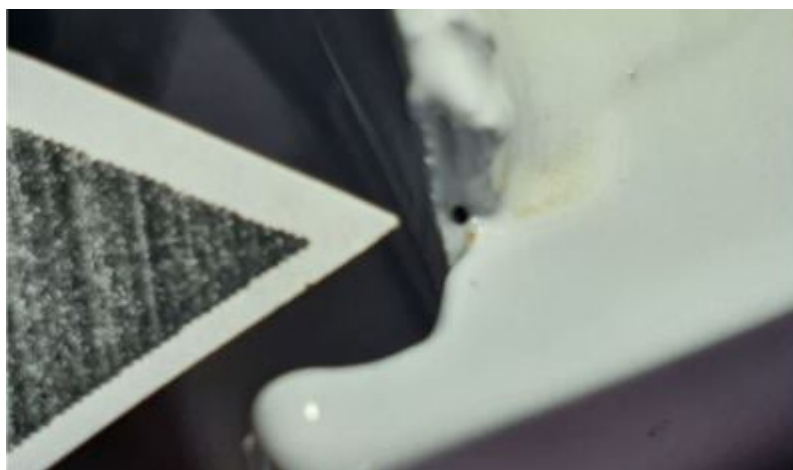


Figure 4. Area where sealant may be missing.



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5. In cases where the sealer flaw is 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 5. Concealed areas repaired with D 476KD1M2 or D 476KD1M3 sealant.

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

Warranty

Claim Type:	• 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
	Center taillight lens remove and reinstall	9432 1950	See SRT with associated operations
	Leak inspection of rear lid and perform sealant restoration	5559 5199	30 TU
	Body paint application with a brush. Includes the paint material (concealed area).	5101 7941	See SRT with associated operations



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	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 2073283/1		

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

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



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D 476KD1M2 -OR- D 476KD1M3		0.1
D 321M16M2		0.3



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	Anti-corrosion wax	
Or the following alternative product available from the <i>Top Service Supplies and Touch Up Paint e-store</i> :		
08852 3M™ Cavity Wax		0.3
	Cavity Wax	

Tool Number	Tool Description
VAG 1379 or equivalent generic sprayer	



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	Spray Gun
OR	
VAG 1538 or equivalent generic sprayer	 Suction Feed Spray Gun

Additional Information

All parts and service references provided in this TSB (2073283) are subject to change and/or removal.

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