



Technical Service Bulletin

51 Water sloshing sound is heard while driving

51 24 30 2061754/5 June 28, 2024. Supersedes Technical Service Bulletin Group 51 number 24-28 dated February 15, 2024 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A5, and S5 Sportback	2018 - 2023	All	Not Applicable
RS 5 Sportback	2019 2021 - 2023		

Condition

REVISION HISTORY		
Revision	Date	Purpose
5	-	Revised <i>Service</i> (Additional inspection added) Revised <i>Warranty</i> (Corrected Labor Operations) Revised <i>Required Parts and Tools</i> (Additional parts required)
4	02/15/2024	Revised header (Added Model Year) Revised <i>Warranty</i> (Corrected SRT)
3	01/07/2022	Revised header (Added Models and Model Years)

Customer states:

- They hear a sound like water 'sloshing' when the vehicle is driving, cornering, or braking.
- The origin of the noise is described as coming from the floor area.

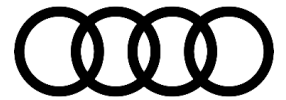
Workshop findings:

- Water is found to have accumulated in the cavities contained in the side sills.

Technical Background

It is possible over time for water to accumulate in the side members and sills, but the water is not able to drain as needed. The accumulated water is unable to reach the normal drainage because the sill cavity sound absorber blocks its flow. This accumulated water creates a 'sloshing' noise when the vehicle moves.

Production Solution



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Improvements to the body structure components have been implemented in production to prevent water accumulation and allow for normal drainage.

Service

1. Carefully inspect all mounting points of the sill trim on both sides of the vehicle for any contact inconsistency that would allow water to enter the sill trim. The sill trim must be watertight and be fitted correctly to the body. Also check the drainage of the sill trim. Ensure that water drains away from the sill trim freely.
2. Should collected water be discovered between the sound absorber partitions in the side members, proceed as follows.
3. Detach the underbody trim until the plugs for the side member are accessible. If water has already accumulated in the sill areas water will flow from these plug openings (Figure 1).



Figure 1. Access to the side member plugs.

4. Figure 2 shows the opening where water generally enters this space.

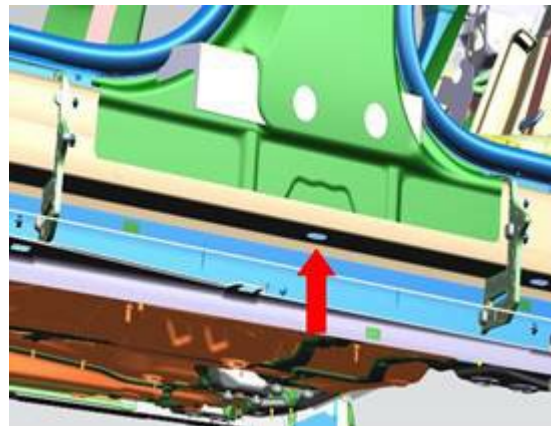


Figure 2. Water entrance point.



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5. Fastener position number 4 shown in Figure 3 is the opening through which a modification to the sound absorber will be made.



Figure 3. Sill trim fastener openings.

6. Figure 4 shows the location of the sound absorber marked 'A'.

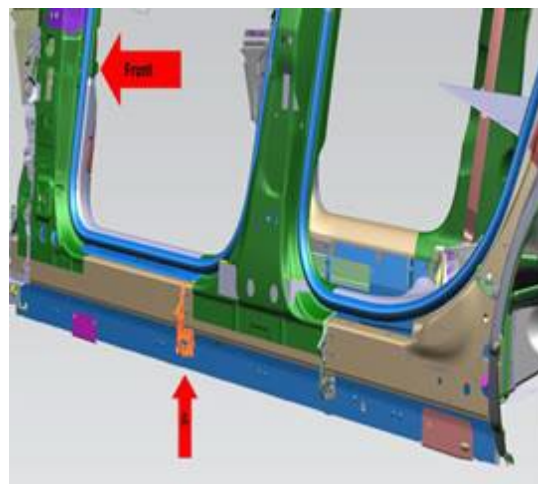


Figure 4. Location of the sound absorber.



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7. Figure 5 shows a closer view of the sound absorber to be modified in the cut-away image.

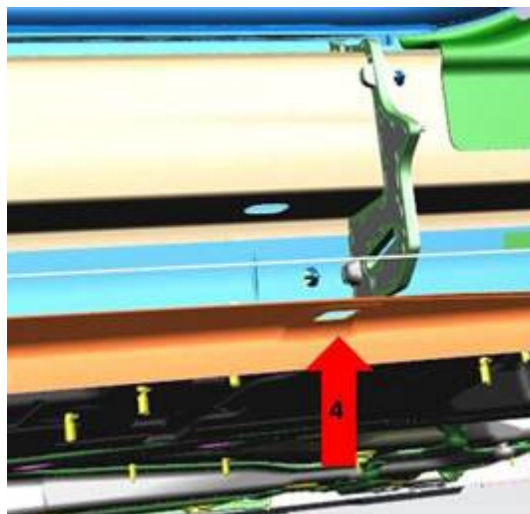


Figure 5. Hole through which the sound absorber will be accessed.

8. Figure 6 shows a cut-away view of the sound absorber from the rear.

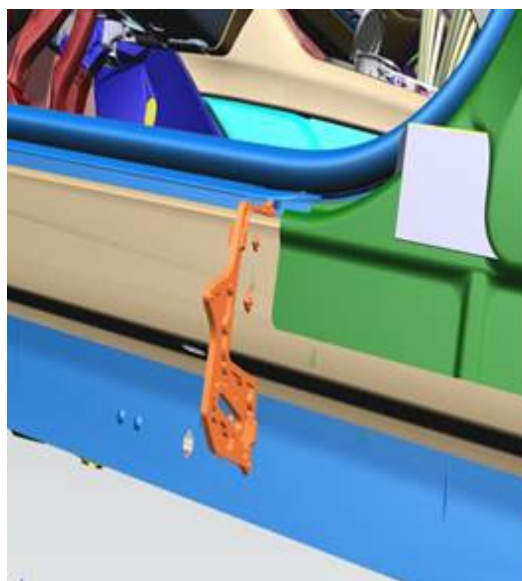
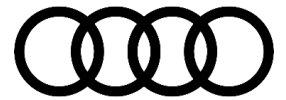


Figure 6. Side member cavity sound absorber.



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9. Figure 7 shows a drawing of the sound absorber. The blue dot marked 'D' corresponds with a point through which a hole 8mm – 10mm in diameter will be made. This hole will allow for a normal flow of any accumulated water to reach the normal drainage and exit the sill cavity. The method for creation of this hole follows.

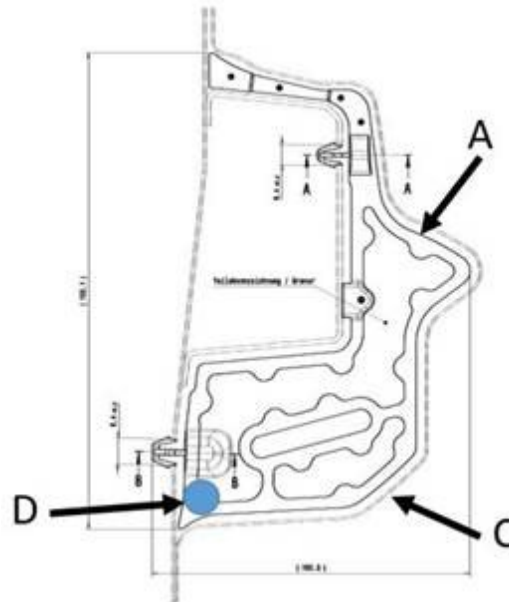


Figure 7. 8mm – 10mm hole to be made through the sound absorber.

10. From a steel rod 8mm – 10mm in diameter fabricate a tool as shown in figure 8. Bend the end of it in an 'L' shape 50mm long. Heat the bent end of the rod to approximately 500 °C (~932° F).

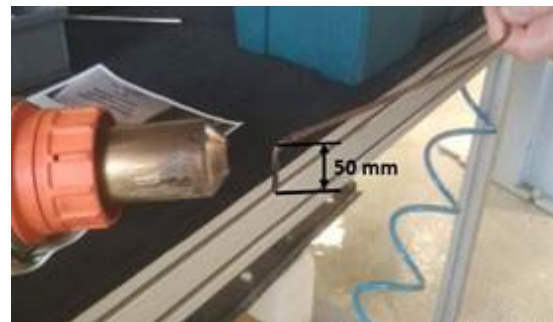
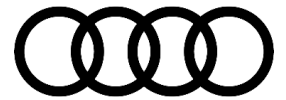


Figure 8. Heating the fabricated tool.

11. Guide the heated rod into opening number 4 from Figure 3 and melt a hole in the sound absorber in position 'D' from figure 7 (Figure 9).



Figure 9. Making the hole in the sound absorber.



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12. Figure 10 shows a drawing of the operation performed and the correct positioning.

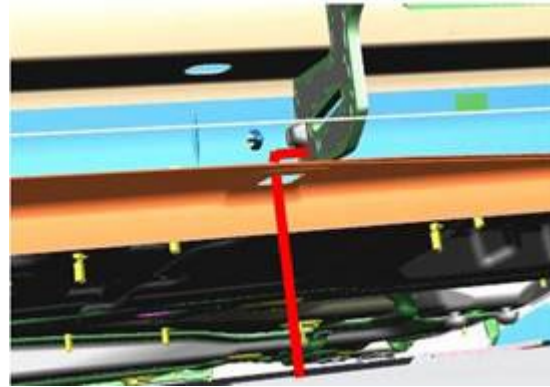


Figure 10. Correct positioning of the heated rod.

13. Apply cavity preservative or anti corrosion wax to the area in the cavity having been modified. Use a sprayer VAG 1379, VAG 1538 or equivalent generic sprayer to carry out this operation.
- Ensure that the drain function of the draining plugs on the front and rear of the side members are fully functional and not damaged (Figure 11).

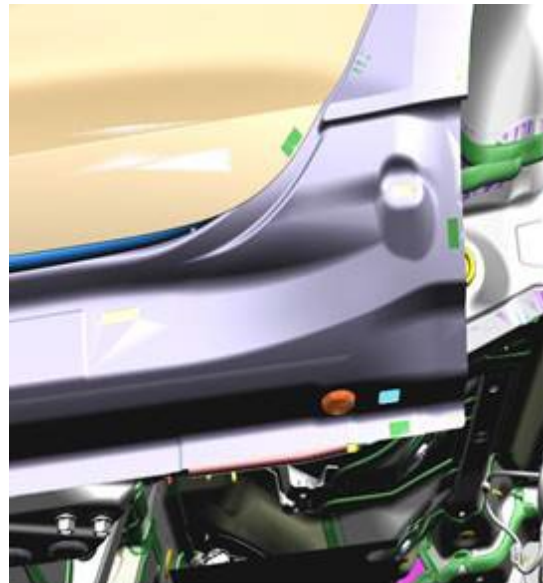


Figure 11. Drain plug on rear of the side member.

14. Figure 12 shows the drain plug on the front of the side member.





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Figure 12. Drain plug on the front of the side member.

15. Reassemble the underbody and sill trim.

Warranty

Claim Type:	110 up to 48 Months/50,000 Miles. - If the vehicle is outside any warranty, this Technical Service Bulletin is informational only.		
Service Number:	5145		
Damage Code:	0050		
Labor Operations:	One sill panel trim remove and reinstall	6629 1900	See SRT with associated operations
	-or-		
	Both sill panel trims remove and reinstall.	6629 2000	See SRT with associated operations
	Perform modification to sound absorber partitions (includes loosening and refastening of underbody trim, removal of body plugs and application of steel rod)	5145 5099	100 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 2061754/5		

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



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The part numbers mentioned in this TSB are different than the ones listed in ETKA. Only use parts listed in this TSB, this includes superseding part numbers!

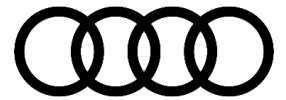
Part Number	Part Description	Quantity
See ETKA	Fasteners, Bolts, Nuts, and Screws as needed per the Repair Manual	See ETKA/ELSA
8W6898909	 1 set of securing parts	1
8W6898909A	 1 set of adhesive tapes	1
D 330KD2A1 Or alternatively: D 321M16M2	 Cavity Preservative	0.3



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Anti-Corrosion Wax		

Tool Number	Tool Description
VAG 1379 or equivalent generic sprayer	
Spray Gun	



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VAG 1538

(Or alternative generic sprayer)



Suction Feed Spray Gun

Additional Information

All parts and service references provided in this TSB (**2061754**) are subject to change and/or removal.

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