



Technical Service Bulletin

90 Instrument cluster driver information system display is blank

53 23 08 2071019/1 July 25, 2023.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A4, and S4	2021	Ingolstadt: 000001 – 062322 Neckarsulm: 000001 – 012657	Analog Instrument Cluster
A4 allroad	2021	000001 – 062322	
A5, A5 Cabriolet, A5 Sportback, S5, S5 Cabriolet, and S5 Sportback	2021	Ingolstadt: 000001 – 045240 Neckarsulm: 000001 – 005166	

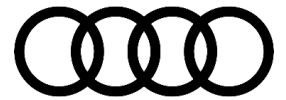
Condition

Customer states: There is a creaking or knocking type noise heard from the rear of the cabin when driving on rough pavement or thrusting the vehicle while cornering.

Workshop findings: The noises can be replicated in these driving conditions. The noises are diagnosed as originating specifically in the rear cargo area from the sheet metal overlap of the left rear side panel and the left rear cross panel.

Technical Background

To rule out noises generated by the contact points of the rear lid to adjusting buffer please refer to TSB 2068691 (*55 Noises from rear of vehicle / rear lid while driving*) and make the corrections described in 2068691 should your diagnosis determine these areas as the source of the noises. If these corrections have already been made and the rear lid noises have been resolved or if the rear lid to adjusting buffer contact is not the source of the noises, proceed with the repair described as follows.



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Figure 1 shows the area of the rear cargo area at issue.



Figure 1. Area of cargo area where noises are generated.

Production Solution

The panel joining process has been optimized in production.

Service



Note:

The following repair requires tools, materials and training only available at an Audi certified collision center. As such, this repair must be performed at an Audi certified collision center.



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1. Detach the left rear luggage compartment side trim panel according to the work procedure in Elsa: *Repair manual>>Body>>Body Interior>>70 Interior Trim>>Luggage Compartment Trim Panels>>Luggage Compartment Side Trim Panel, Removing and Installing.*

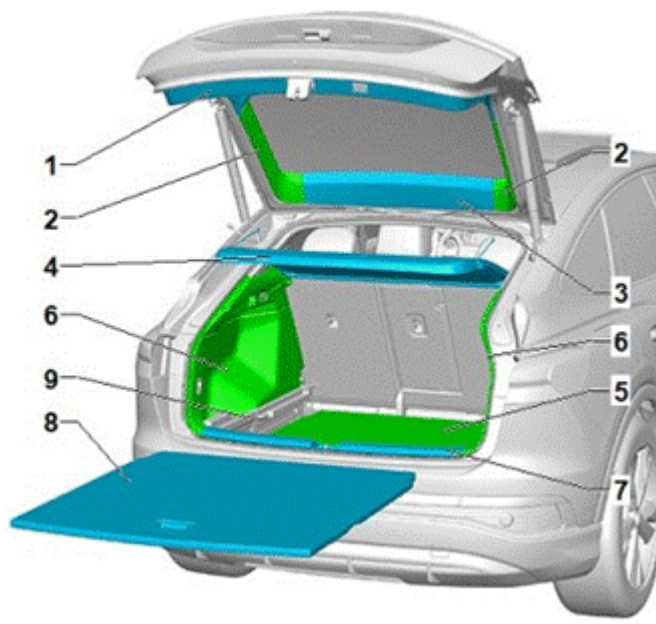
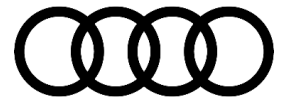


Figure 2. Luggage compartment trim.



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2. Figure 3 shows the exposed area where the work is to be performed.

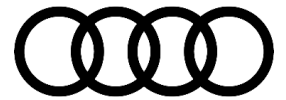


Figure 3. Area of left rear panel overlap to be repaired.

3. It will be necessary to drill 3 holes using an 8 mm spot weld drill bit (e.g. VAS6322A/2).



Figure 4. 8mm spot weld drill bit (e.g. VAS6322A/2).



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4. Attach the drill bit to a drill motor. Figure 5 shows the spot weld that need to be removed.



Figure 5. Location of the spot weld to be removed in the rear panel.

5. Figure 6 shows the 3 overlapping panels. For the purposes of illustration they are numbered 1 through 3 with 1 being the support panel, 2 being the left rear cross panel and 3 being the left rear side panel.

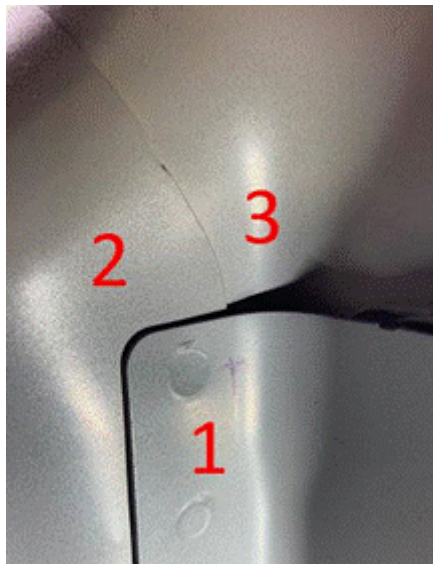
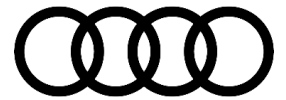


Figure 6. Overlapping panels in left rear of cargo area.



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6. Drill the first hole directly into the upper spot weld. Drill the second hole just to the right of the first hole. Drill hole 3 on the other side of the radius of the support panel as shown in figure 7. All 3 of these holes must not penetrate panel 3 (left rear side panel).

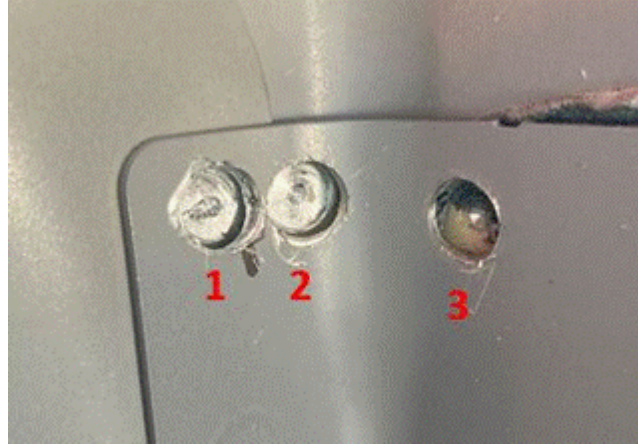
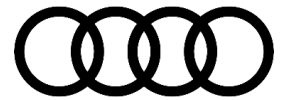


Figure 7. Holes to be drilled and their locations.

7. Grind the area as these 3 holes will now be welded.



Figure 8. Surface prepared for welding.



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8. Grind out the holes with a deburring tool to remove any residual primer from the surfaces to be welded.

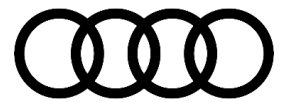


Figure 9. Removing residual primer from inside the drilled area.

9. Push the support panel as close to the overlapping panels comprised of the left rear side panel and the left rear cross panel as possible using a drift. Isolate and protect the surrounding area to prepare for welding.



Figure 10. Eliminating any gaps before welding.



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10. If necessary, perform a test weld to ensure proper settings for an optimum weld application.

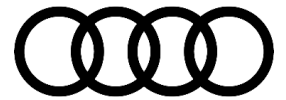


Figure 11. Performing a weld test.

11. Weld all 3 holes such that they are completely closed.



Figure 12. All 3 holes welded completely closed.



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12. Prepare and clean the welded surfaces as necessary. Thoroughly restore all corrosion protection appropriately. The corrosion protection will need to be applied using a brush.

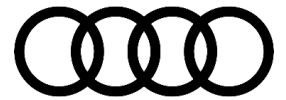


Figure 13. Welded surfaces cleaned and prepped. Corrosion protection restored.

13. After the curing time is complete, seal the entire work area with cavity wax (D 308SP5M1 or equivalent e.g. 3M™ 08852) both on the inside and outside. Test drive the vehicle to confirm resolution of the noises. Reinstall the luggage compartment trim.

Warranty



Claim Type:	<ul style="list-style-type: none">• 110 up to 48 Months/50,000 Miles.• If the vehicle is outside of any warranty, this Technical Service Bulletin is informational only.		
Service Number:	5368		
Damage Code:	0020		
Labor Operations:	Sublet labor operation listed in Outside Labor	A0001600	240 TU
Diagnostic Time:	GFF	No allowance	0 TU
	Road test prior to the service procedure	0121 0002	10 TU
	Road test after the service procedure	0121 0004	10 TU
Claim Comment:	As per TSB 2071019/1		

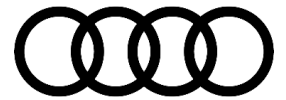


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All warranty claims submitted for payment must be in accordance with the *Audi Warranty Policies and Procedures Manual*. Claims are subject to review or audit by Audi Warranty.


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
D 308SP5M1	 Anti corrosion wax	0.3
-OR-		
3M™ 08852		Shop Supply (accounting under warranty/goodwill is not permitted).



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	Cavity wax	
N/A	Listed as MATERIAL in Outside Material	Quantity 1 each (\$12)

Tool Number	Tool Description
VAS6322A	 Spot Weld Breaker

Additional Information

All parts and service references provided in this TSB (2071019) are subject to change and/or removal.

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