



# Technical Service Bulletin

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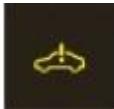
**93 A8 TFSle: coolant connection (quick-release coupling/neck connection) on HV battery leaking**  
93 24 81 2074624/1 July 26, 2024.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A8 e quattro	2020	All	Not Applicable

## Condition

### Customer states:

The following warning appears in the instrument cluster.



**Electric drive: Malfunction! Cooling system.**

or

The coolant level of the coolant expansion tank for the high-voltage system is too low

or

Coolant residues are established in the area of the rear axle

### Workshop findings:

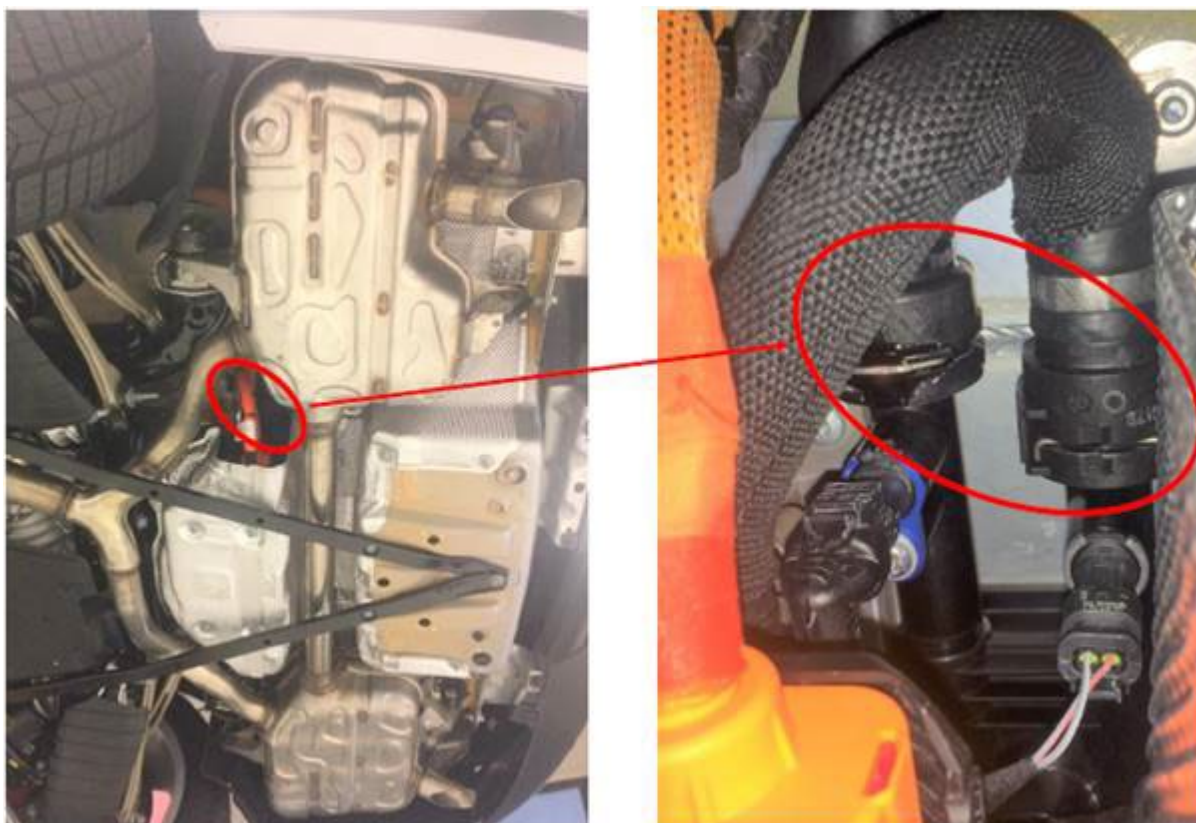
Coolant residues are established in the area of the rear axle on the connections of the high-voltage battery.

Example photo of A7 PEHV



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## Technical Background

The coolant hose connection is outside of the tolerance.

## Production Solution

Improved part is (WHT.009.245)




## Service

In order to resolve the conflicting tolerance of the coolant hose connection the Y seal ring (WHT.009.067) of the coolant hoses is replaced with an O seal ring (WHT.009.245)

**Change seal repair instructions**



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<b>Removal</b>	<p>Use suitable hooks (not sharp-edged).</p> <p>Do not damage the coupling housing when removing.</p>	 
<b>Installation</b>	<p>Fit new seal into the coupling housing.</p> <p>Do not use tools.</p> <p>Ensure the correct position of the seal in the groove (not twisted).</p>	

## Example procedure: A7 PHEV

1. Loosen heat shield.
2. Disconnect and remove coolant hoses.
3. Remove seal from the quick-release coupling (see change seal repair instructions).



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4. Fit new seal (see change seal repair instructions).
5. Connect and slot in quick-release coupling.
6. Fill, bleed, and press off cooling system (observe guidelines in ELSA).
7. Leakage test on the coolant connections (carefully move connection).
8. Check and, if necessary, correct coolant level in AGB.
9. Apply security seal to AGB cover.
10. A clear assessment of the seal of the coolant connections can only be made after the vehicle has reached the operating temperature at least once.

## Example procedure: A8 PHEV

1. Remove battery underbody trim (note guidelines in ELSA).
2. Loosen the bolted connection of the rear diagonal strut (see illustration attachment "a8\_ausbau"): (Note guidelines in ELSA).
3. Detach compressor for self-levelling suspension and then the noise insulation and fix to the side, see attachment "a8\_ausbau\_schläuche" (do not loosen air hoses) (note guidelines in ELSA).
4. Disconnect and remove coolant hoses.
5. Remove seal from coupling (see change seal repair instructions).
6. Fit new seal (see change seal repair instructions).
7. Connect and slot in quick-release coupling.
8. Fill, bleed, and press off cooling system (observe guidelines in ELSA).
9. Leakage test on the coolant connections (carefully move connection).
10. Fit noise insulation and then the compressor for self-levelling suspension (note guidelines in ELSA).
11. Fit battery underbody trim then screw the diagonal struts back on (note guidelines in ELSA).
12. Check and, if necessary, correct coolant level in AGB.
13. Apply security seal to AGB cover.
14. A clear assessment of the seal of the coolant connections can only be made after the vehicle has reached the operating temperature at least once.

Please take photos of the customers' concern and upload them into DOC-IT with the repair order. Photos should

- Have a date stamp and VIN reference.
- Be taken in focus and with sufficient light.

## Warranty

<b>Claim Type:</b>	If the vehicle is outside of any warranty, this Technical Service Bulletin is informational only.
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<b>Service Number:</b>	1962		
<b>Damage Code:</b>	0050		
<b>Labor Operations:</b>	Repair high-voltage battery (A7)	9303 4199	50 TU
	Repair high-voltage battery (A8)	9303 4199	90 TU
	Check high-voltage battery (tightness of the connections)	9303 0199	10 TU
	Check and top up coolant	1938 3599	40 TU
	Charge battery	2706 8950	See SRT with associated operations
<b>Diagnostic Time:</b>	GFF	0150 0000	Time stated on the diagnostic protocol.
<b>Claim Comment:</b>	As per TSB 2074624/1		

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

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
WHT.009.245	Sealing ring	01

## Additional Information

All parts and service references provided in this TSB (**2074624**) are subject to change and/or removal.

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