



Technical Service Bulletin

87 Rattle and / or knocking noises from the engine compartment

87 23 56 2071621/1 October 5, 2023.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
RS 3	2022 – 2024	All	Not Applicable

Condition

Customer states:

- A rattle or knocking type noise is heard in the engine compartment.

Workshop findings:

- The noises can be duplicated with the engine running and either at a standstill while idling or driving slowly on either smooth or rough pavement particularly when cornering.

Technical Background

A refrigerant line may be in contact with the right front longitudinal member.

Production Solution

Not applicable.

Service

1. Assess the right side area of the engine compartment near the longitudinal member.



Figure 1. Area of the engine compartment to inspect refrigerant line contact.



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2. Contact between the refrigerant line and the longitudinal member is identifiable visually.



Figure 2. Refrigerant line in contact with longitudinal member.



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3. Figure 3 shows this contact at a different angle.



Figure 3. Alternative view of refrigerant line contact with longitudinal member.

4. Create at least a 1.5 cm gap between the refrigerant line and the longitudinal member. It should be possible to move the line away from the longitudinal member by carefully bending it slightly. If necessary, secure the line with a tie wrap.

Warranty

Claim Type:	<ul style="list-style-type: none">• 110 Up to 48 Months/50,000 Miles.• G10 for CPO Covered Vehicles – Verify Owner.• If the vehicle is outside of any warranty, this Technical Service Bulletin is informational only.		
Service Number:	8743		
Damage Code:	0020		
Labor Operations:	Modify refrigerant line routing	8743 0599	30 TU



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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 2071621/1		

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.

Additional Information

All part and service references provided in this TSB (**2071621**) are subject to change and/or removal. Always check with your Parts Department and/or ETKA for the latest information and parts bulletins. Please check the Repair Manual for fasteners, bolts, nuts, and screws that require replacement during the repair.

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