



Technical Service Bulletin

48 Noises from the engine compartment are heard inside the vehicle (via the intermediate steering shaft)
48 22 28 2063528/3 April 28, 2022. Supersedes Technical Service Bulletin Group 48 number 21-13 dated November 9, 2021, for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A4 allroad, A4, and Q7	2017 - 2023	All	Not Applicable
S4, A6 Cabriolet, A5, A5 Sportback, S5 Cabriolet, S5, and S5 Sportback	2018 – 2023		
RS 5	2018 – 2019 2021 – 2023		
Q8	2019 – 2023		
RS 5 Sportback	2019 2021 – 2023		
SQ7, SQ8, and RS Q8	2020 – 2023		

Condition

REVISION HISTORY		
Revision	Date	Purpose
3	-	Revised header (Added Model Year)
2	11/06/2021	Revised <i>Warranty</i> (Updated Labor Operation)



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1	06/09/2021	Initial publication
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Customer states:

- Noises can be heard from the engine compartment/front end when accelerating between 1500 and 2300 rpm. The noises are described as combustion noises, or as clattering or ticking from the injectors.

Technical Background

The cause of the noise is not necessarily related to engine components.

Production Solution

Not applicable.

Service

There are multiple causes of noise being transmitted from the engine compartment to the interior of the vehicle.

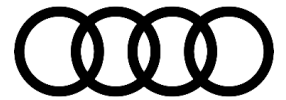
A possible cause of noise being transmitted from the engine compartment is insufficient noise insulation at the opening for the intermediate steering shaft in the bulkhead.

- Therefore, check whether the sealing boot is seated correctly on the intermediate steering shaft and on the bulkhead without any visible gaps (Figure 1).



Figure 1. Poor sealing on the intermediate shaft.

- The noise may also be influenced by the height adjustment of the steering wheel.



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3. If a similar condition is found in the vehicle, then proceed with intermediate steering shaft replacement following instructions according to the Elsa repair manual, *Chassis >> Suspension, Wheels, Steering >> 48 Steering >> Steering Column >> Steering Intermediate Steering Shaft, Removing and Installing.*

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 any warranty, this Technical Service Bulletin is informational only.		
Service Number:	4816		
Damage Code:	0010		
Labor Operations:	Steering column lower replace	4816 1900	See SRT with associated operations
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 2063528/3		

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.



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Part Number	Part Description	Quantity
See ETKA	Fasteners, Bolts, Nuts, and Screws as needed per the Repair Manual	See ETKA/ELSA
See ETKA	Intermediate Steering Shaft	01

Additional Information

More information on this system can be found in the following resources:

- Elsa: Chassis >> Suspension, Wheels, Steering >> 48 Steering >> Steering Column >> Steering Intermediate Steering Shaft, Removing and Installing.

All parts and service references provided in this TSB (2063528) are subject to change and/or removal.

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