

Technical Service Bulletin



48 Squeaking noises from rubber boot of the intermediate steering shaft

48 23 43 2055733/4 June 29, 2023. Supersedes Technical Service Bulletin Group 48 number 22-31 dated April 28, 2022, for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A4, and A4 allroad	2017 – 2024	All	Not Applicable
S4, A5, A5 Cabriolet, S5, S5 Cabriolet, and S5 Sportback	2018 – 2024		
RS 5	2018 – 2019 2021 – 2024		
RS 5 Sportback	2019 2021 - 2024		

Condition

REVISION HISTORY		
Revision	Date	Purpose
4	-	Revised header (Added Model Years)
3	04/28/2022	Revised header (Added Model Years)
2	03/16/2021	Revised header (Added Model Year) Revised <i>Additional Information</i> (Added reference)

Customer states:

- There is a squeaking noise from the steering column when steering slowly.
- The noise may get louder at higher temperatures or with longer journey time.

Workshop findings:



- The noise comes from the sealing sleeve/steering column opening on the bulkhead.
- The steering column adjustment is set in the lower range.
- The steering shaft rests on the cone of the sealing sleeve (Figure 1).



Figure 1. Steering shaft rests on the sealing sleeve (also known as sealing lip).

Technical Background

Incorrect positioning of the sealing sleeve (lip) in the bulkhead in connection with unfavorable tolerances of the components.

Production Solution

Not Applicable

Service

For complete information concerning the repair, refer to Elsa at Repair Manual, *Chassis >> 48 Steering >> Steering Column >> Steering Intermediate Shaft, Removing and Installing.*



Note:



This procedure contains mandatory replaceable parts. Refer to component overview and parts catalog prior to starting the procedure.

Proceed as follows:

1. Disconnect the intermediate steering shaft from the steering column.
2. Loosen the rubber sealing sleeve (A) and push it upwards as far as possible and retighten (Figure 2).

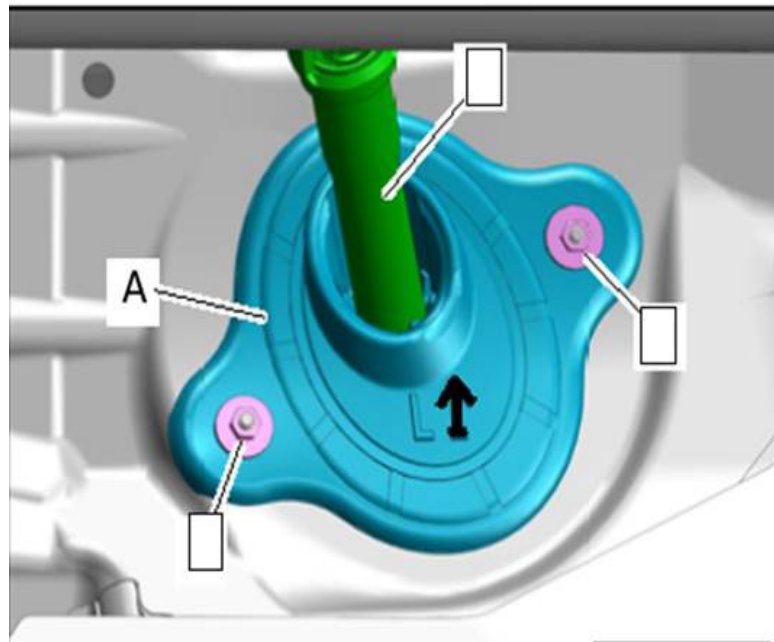


Figure 2. Sealing sleeve (also known as sealing lip).



3. Reinstall the steering intermediate shaft (B) to the steering column (C) and tighten with new bolts (D) (Figure 3).

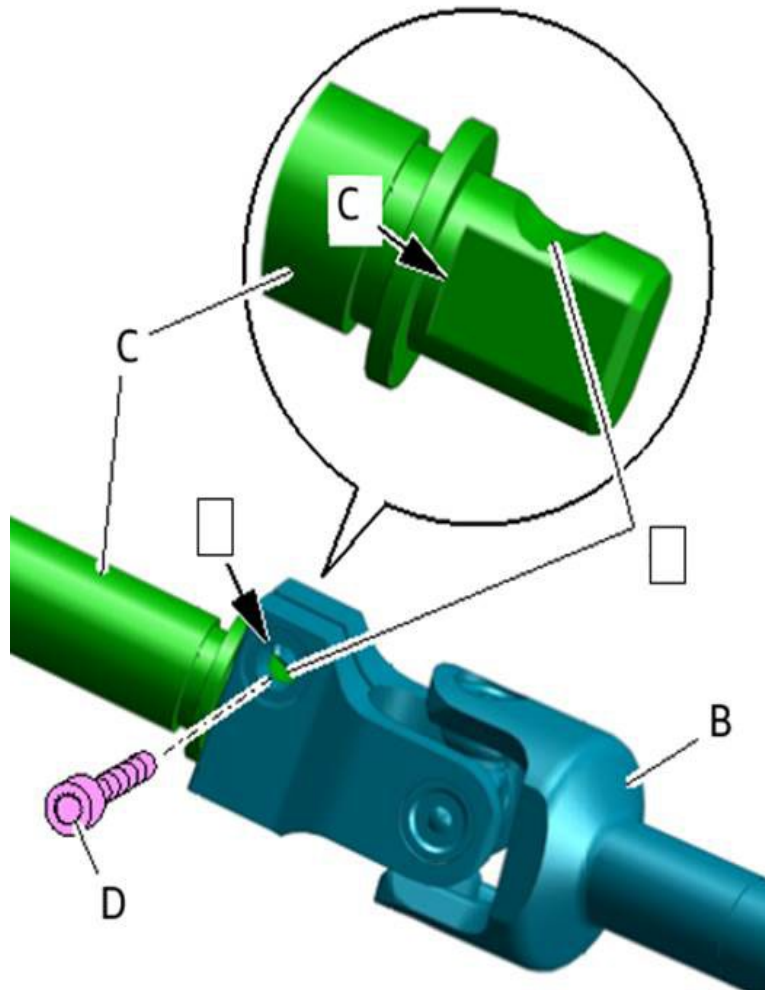


Figure 3. Steering column shaft and intermediate shaft connection.



Warning:

There is a risk of accident due to an absence of traction if the steering intermediate shaft is installed incorrectly. Pay attention to the installation position and installation instructions.

Warranty

Claim Type:	<ul style="list-style-type: none">• 110 up to 48 Months/50,000 Miles.• G10 for CPO Covered Vehicles – Verify Owner.
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	<ul style="list-style-type: none"> If the vehicle is outside any warranty, this Technical Service Bulletin is informational only. 		
Service Number:	4816		
Damage Code:	0020		
Labor Operations:	Repositioning intermediate steering shaft	4816 4999	30 TU
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 2055733/4		

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
See ETKA	Fasteners, Bolts, Nuts, and Screws as needed per the Repair Manual	See ETKA/ELSA

Additional Information

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

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

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