



# Technical Service Bulletin

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## 48 Noises from steering and/or intermediate steering shaft

48 23 51 2070913/1 July 18, 2023.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
Q7, SQ7, Q8, SQ8, and RS Q8	2020 – 2024	All	Not Applicable

## Condition

### Customer states:

Squeaking noises are heard from the foot well area when steering.

### Workshop findings:

The customer statement can be reproduced.

The noise is caused by the intermediate steering shaft.

## Technical Background

Rubber ring on the intermediate steering shaft rubs against the sealing boot.

## Production Solution

Not applicable.

## Service

Proceed as described below:

Remove the intermediate steering shaft and place it on the workbench (Figure 1).



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**Figure 1:** Intermediate steering shaft.

Then use a knife to cut off the rubber ring on the intermediate steering shaft on the sleeve side at a 45° angle (Figure 2).



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*Figure 2: Rubber ring at the intermediate steering shaft.*

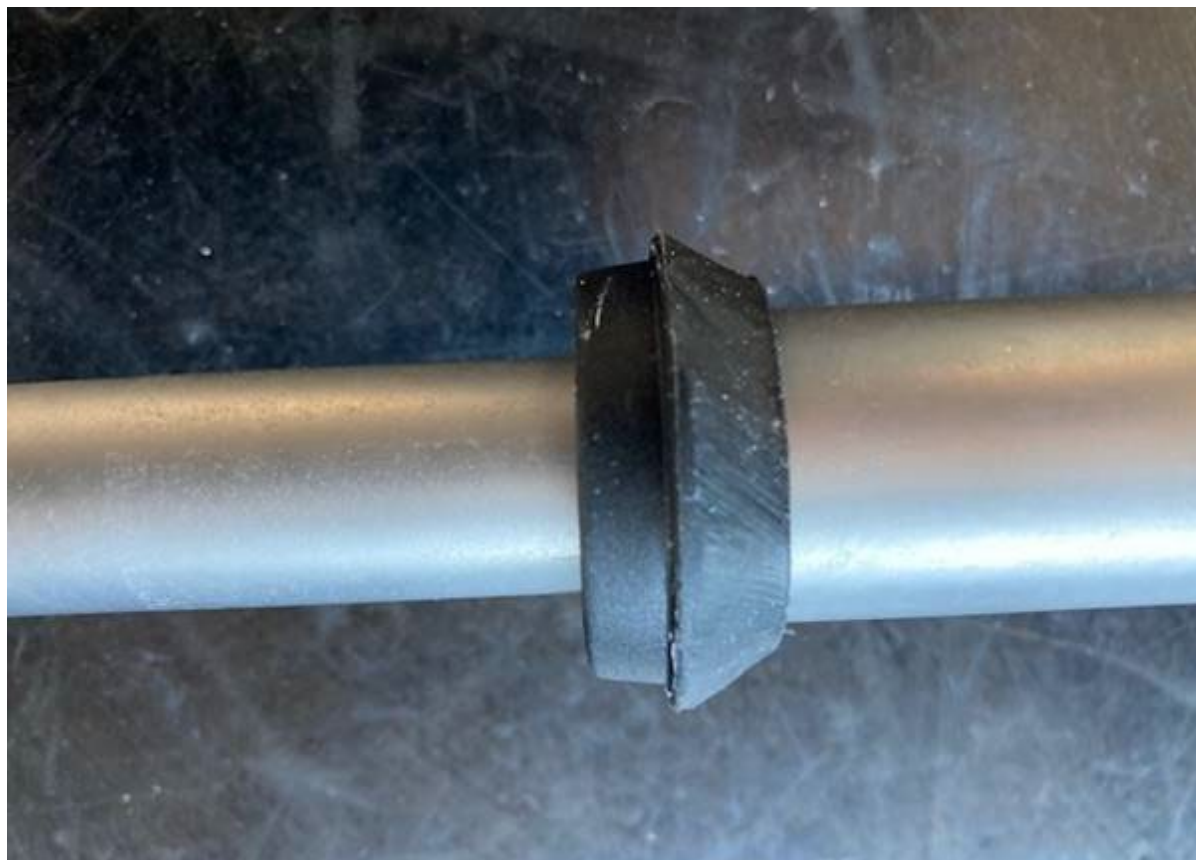


**Note:** Please do not slide the rubber ring on the shaft. The sealing boot may be moved on the shaft.



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**Figure 3:** Modified intermediate shaft.

Then reinstall the modified intermediate steering shaft in the vehicle (Figure 3).

## Warranty

<b>Claim Type</b>	<ul style="list-style-type: none"><li>• 110 up to 48 Months/50,000 Miles.</li><li>• G10 for CPO covered vehicles – Verify Owner.</li><li>• If the vehicle is outside any warranty, this Technical Service Bulletin is informational only.</li></ul>
<b>Service Number:</b>	4816
<b>Damage Code:</b>	0020



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<b>Labor Operations:</b>	Remove and install intermediate steering shaft	4816 1900	See SRT with associated operations.
	Modify intermediate steering shaft	4816 4999	15 TU
<b>Diagnostic Time:</b>	GFF	0150 0000	Time stated on the diagnostic protocol (Max 40 TU)
	Road test prior to the service procedure	No allowance	0 TU
	Road test after the service procedure	0121 0004	10 TU
<b>Claim Comment:</b>	As per TSB 2070913/1		

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

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

All part and service references provided in this TSB (**2070913**) 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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