



Technical Service Bulletin

40 Front shock absorber cap, cracking noises/spring jumps when steering or when maneuvering

40 22 46 2047758/8 July 29, 2022. Supersedes Technical Service Bulletin Group 40 number 21-29 dated December 14, 2021 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A3 Cabriolet, A3, and S3	2015 – 2020 2022 – 2023	All	Not Applicable
TT, TT Roadster, and TTS	2016 – 2023		
A3 e-tron Sportback	2016 – 2018		
RS 3	2017 – 2020 2022 – 2023		
TT RS	2018 – 2023		
Q3	2019 - 2023		

Condition

REVISION HISTORY



Technical Service Bulletin

Revision	Date	Purpose
8	-	Revised header (Added Models and Model Years)
7	12/14/2021	Revised title Revised header (Added Model Years)
6	11/25/2020	Revised header (Added Model Years)

Customer states:

- Cracking noises/spring jumps when steering or when maneuvering.
- The noise can be reproduced when at least two people are in the vehicle and the steering wheel is turned just before the right/left stop.

Technical Background

The buffer stop for the shock absorber (Figure 1, 1) can cause noises if it touches the front shock absorber cap (Figure 1, 2).

Production Solution

Not applicable.



Technical Service Bulletin

Service

Lightly lubricate the contact surface (red dotted line) between buffer stop for shock absorber (Figure 1, 1) and front shock absorber cap (Figure 1, 2) with 5 grams of silicon grease G 000 405 A2 per side.



Tip: Check the protective sleeve of the front shock absorber for correct fit, they should turn easily in the axial deep-groove ball bearing/sleeve bearing.

Warranty

Claim Type:	<ul style="list-style-type: none">• 110 up to 48 Months/50,000 Miles.• If the vehicle is outside any warranty, this Technical Service Bulletin is informational only.		
Service Number:	4098		
Damage Code:	0020		
Labor Operations:	Lubricate both front rubber stops	4098 5099	30 TU
Diagnostic Time:	GFF	No allowance	0 TU
	Road test prior to service procedure	0121 0002	10 TU



Technical Service Bulletin

	Road test after service procedure	0121 0004	10 TU
Claim Comment:	As per TSB 2047758/8		

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
G 000405A2	Grease	01
See ETKA	Fasteners, Bolts, Nuts, and Screws as needed per the Repair Manual	See ETKA/ELSA

Additional Information

All parts and service references provided in this TSB (**2047758**) are subject to change and/or removal.

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Technical Service Bulletin

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