



Technical Service Bulletin

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

40 21 29 2047758/7 December 14, 2021. Supersedes Technical Service Bulletin Group 40 number 20-20 dated November 24, 2020 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A3, S3	2015 - 2023	All	Drive select and magnetic shock absorbers

Condition

REVISION HISTORY		
Revision	Date	Purpose
7	-	Revised title Revised header (Added Model Years)
6	11/25/2020	Revised header (Added Model Years)
5	06/26/2020	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.



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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.



Figure 1. Shock absorber and buffer stop.



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



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Diagnostic Time:	GFF	No allowance	0 TU
	Road test prior to service procedure	0121 0002	10 TU
	Road test after service procedure	0121 0004	10 TU
Claim Comment:	As per TSB #2047758/7		

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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