



Technical Service Bulletin

40 Cracking noise from front end when changing direction

40 21 23 2061464/2 February 16, 2021. Supersedes Technical Service Bulletin Group 40 number 20-19 dated November 24, 2020 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A3, A3 Cabriolet, S3, and RS 3	2018 - 2020	All	Not Applicable
A3 Sportback, A3 e-tron	2018	All	Not Applicable
Q3	2019 - 2022	All	Not Applicable

Condition

REVISION HISTORY		
Revision	Date	Purpose
2	-	Revised header (Added model)
1	11/24/2020	Initial publication

Customer states:

- Cracking noise from front end when changing direction.

Workshop findings:

- When pulling away there is a one-off cracking noise from the front after changing direction.

Technical Background

Relative movement of the drive axle in the wheel bearings.

Production Solution

Gradual introduction of improved drive axles.



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Service

1. Follow instructions according to Elsa at Repair Manual, *Chassis >> Suspension, Wheels, Steering >> 40 Front Suspension >> Front Axle >> Drive Axle >> Drive Axle Disassembling, Assembling.*
2. Disassemble the affected drive axle.
3. Apply liquid locking fluid as shown in Figure 1 (red lines around the threaded connection).

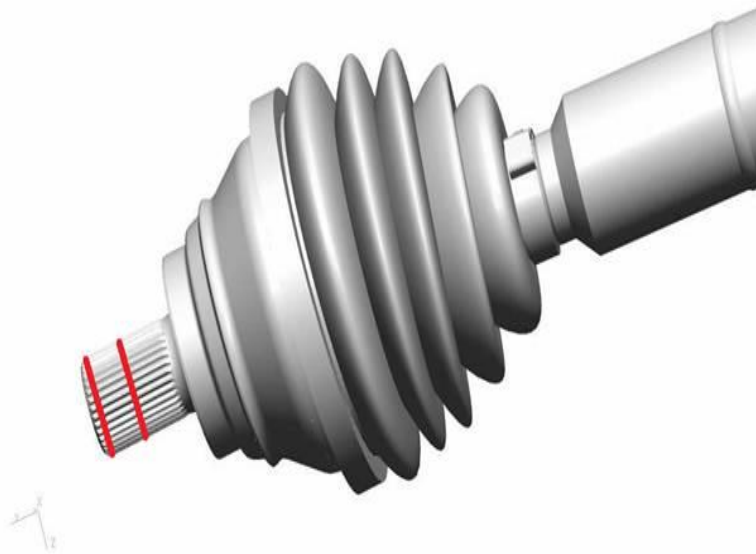


Figure 1. Apply locking fluid around the threaded connection.

4. Reinstall the drive axle according to ELSA instructions.



Warning:

After assembling the drive axle(s), the vehicle must not be operated for 8 hours.

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:	4045



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Damage Code:	0010		
Labor Operations:	Driveshaft Remove + Reinstall (1)	4041 1900	See SRT with associated operations
	Driveshaft Remove + Reinstall (2)	4041 2000	See SRT with associated operations
Diagnostic Time:	GFF	0150 0000	Time stated on the diagnostic protocol
	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 #2061464/2		

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
D 154100A1	Locking fluid	0.2

Additional Information

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

- Elsa: Chassis >> Suspension, Wheels, Steering >> 40 Front Suspension >> Front Axle >> Drive Axle >> Drive Axle Disassembling, Assembling.

All parts and service references provided in this TSB (2061464) are subject to change and/or removal.

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