



Technical Service Bulletin

66 Grinding noise heard with steering wheel turned to full lock

66 21 70 2062700/1 March 25, 2021.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
Audi e-tron quattro	2019 - 2020	All	Not Applicable
Audi e-tron quattro	2021	000001 - 027386	Not Applicable
Audi e-tron Sportback	2020	All	Not Applicable
Audi e-tron Sportback	2021	000001 - 027386	Not Applicable

Condition

Customer states:

- When they turn the steering wheel to full lock and the vehicle is moved a rubbing sound is heard in the front wheels.

Technical Background

The front wheel housing liner backing can weaken and 'sag' into the path of a rotating front tire when the wheels are turned to full lock. The noise disappears when the steering angle is straightened (Figures 1 - 2).



Figure 1. Front tire making contact with the wheel housing liner.



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Figure 2. Front tire making contact with the wheel housing liner.

Production Solution

An improvement to the shape of the front wheel housing liner, specifically in an area prone to develop a 'sag' characteristic, has been implemented in production.

Service

If this symptom is duplicated and one or both front wheel housing liners are found to interfere with the tire causing the noise replace the front wheel housing liner(s) with part numbers:

- 4KE 821 171 C Left front wheel housing liner.

And/or

- 4KE 821 172 C Right front wheel housing liner.



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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:	6616		
Damage Code:	0020		
Labor Operations:	Front wheel housing liner remove and reinstall	6616 1900	See SRT with associated operations
	Or		
	Front wheel housing liners remove and reinstall	6616 2000	See SRT with associated operations
Diagnostic Time:	GFF	No allowance	0 TU
	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 #2062700/1		

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

The part numbers mentioned in this TSB are different than the ones listed in ETKA. Only use parts listed in this TSB, this includes superseding part numbers!		
Part Number	Part Description	Quantity
See ETKA	Fasteners, Bolts, Nuts, and Screws as needed per the Repair Manual	See ETKA/ELSA
4KE821171C	Left front wheel housing liner	01
4KE821172C	Right front wheel housing liner	01



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Additional Information

All parts and service references provided in this TSB (2062700) are subject to change and/or removal.

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