



Technical Service Bulletin

46 Rattling/grinding noises from front end/front brake system (brake shield)

46 22 37 2068629/1 November 18, 2022.

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

Condition

Required; include revision table if necessary.

Technical Background

Not applicable.

Production Solution

Not applicable.

Service

Proceed according to the instructions below, refer to ELSA>>Repair Manual>>Chassis>>Brake System>>Front Brakes>>Brake Shield, Removing and Installing.



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1. Remove both front wheels.
2. Remove front brake calipers/brake carriers/brake discs.
3. Check both brake shields for front brake discs (Figure 1, number 1). Brake shields should be secured and seated correctly.
4. If damage and/or excessive corrosion is found in the brake shields, replace it. If no damage/corrosion is found, do not replace the brake shields (refer to the note below).
5. Install front brake calipers/brake carriers/brake discs.
6. Install front wheels.



Note: To protect the new brake shields for brake discs against corrosion at the mounting points (Figure 1, red circles), wax must be applied all the way around the contact surfaces of the securing bolts (Figure 2) before they are installed.

Use cavity preservative sealant (part number: D 329 215 M1) for this purpose.



Figure 1. Splash plate for brake disc with contact surfaces of securing bolts.



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Figure 2. Securing bolt for splash plate for brake disc.

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 of any warranty, this Technical Service Bulletin is informational only.		
Service Number:	4617		
Damage Code:	0015		
	Remove and install front brake disc	4650 19XX	See SRT



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	Check splash plate for front brake disc	4617 0199	10 TU
	Remove and install splash plate for front brake disc	4617 1950	See SRT
	Remove and install 2 front brake discs	4650 20XX	See SRT
	Check 2 splash plates for front brake discs	4617 0299	10 TU
	Remove and install 2 splash plates for front brake discs	4617 2050	See SRT
Diagnostic Time:	GFF	No allowance	0 TU
	Road test prior to the service procedure	0121 0002	10 TU
	Road test after the service procedure	No allowance	0 TU
Claim Comment:	As per TSB 2068629/1		

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
D329215M1	Cavity preservative sealant	0.1
See ETKA	Brake shield	01/02

Additional Information



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