

Technical Service Bulletin

Topic	46 Cracks on friction ring surface on ceramic brake discs
Market area	United States 444 Volkswagen of America, Inc. (6444)
Brand	Audi
Transaction No.	2077435/1
Level	EH
Status	Released for publishing
Release date	Mar 26, 2025

New customer code

Object of complaint	Complaint type	Position
chassis -> brake system -> brake rotor	component, automotive fluids -> cracked/broken	
chassis -> brake system -> brake rotor	component, automotive fluids -> wear too high	> no instruction <
chassis -> brake system -> brake rotor	appearance, surface -> material detaching	> no instruction <

Vehicle data

Audi

Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
*	2022	A		*	*	*
*	2023	A		*	*	*
*	2024	A		*	*	*
*	2025	A		*	*	*

Documents

Document name
master.xml

Condition

Customer states:

- Significant cracks on surface of the friction ring (Figure 1).



Figure 1. Cracks on the surface of the friction ring.

Workshop findings:

- The issue can be confirmed.
- No indication of significant thermal stresses.

Technical Background

The new generation of ceramic brake discs (CCB+) show more significant cracks on the surface of the friction ring. These cracks are formed during production when the material cools. The friction ring surface contracts more than the base material and these cracks are the result.

Production Solution

- e-tron GT from SOP.
- RSQ8 from 48/2024.
- RS3 planned from week 48/2025 onwards.
- New models from 2025.

Service

No measures required.

The functionality of the brake system is not affected by this.

There is no reason to replace parts.

Warranty

This TSB is informational only and not applicable to any Audi Warranty.

Additional Information

All part and service references provided in this TSB (**2077435**) are subject to change and/or removal. Always check with your Parts Department and/or ETKA for the latest information and parts bulletins. Please check the Repair Manual for fasteners, bolts, nuts, and screws that require replacement during the repair.

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