



Technical Service Bulletin

46 Hotspots on friction surface of tungsten carbide brake discs

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Model(s)	Year	VIN Range	Vehicle-Specific Equipment
e-tron GT, and RS e-tron GT	2022 - 2024	All	Tungsten Carbide brake discs

Condition

Customer states:

- Hotspots / discoloration visible on the friction surface of the brake disc (Figure1).



Figure 1. Brake disc with hotspots

Workshop findings:

- When checking the brake disc axial run-out, no abnormalities are identified.

Technical Background

A friction brake is exposed to a variety of influences due to its design. One of these influences is the thermal stress on the friction surfaces due to the use of the friction brake. Depending on the driving style, temperatures can occur which lead to discoloration of the top layer on the tungsten carbide brake disc (due to the design of the brake disc). However, this is purely a visual complaint that does not affect the function of the brake.

Production Solution

Not applicable.



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Service

No measures are required for this phenomenon on the friction surface of the brake discs.

Replacement of parts due to this phenomenon is not justified. In such a case, we may reject the warranty claim and charge back the cost of the 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 (**2073824**) 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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