



46 Noises when braking - All models

46 23 43 2069904/1 April 18, 2023.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
All Audi Models	2000 – 2024	All	Not Applicable

Condition

Customer states:

Noises when braking.

Workshop findings:

Noises are generated at the front and/or rear brakes when braking.

The brake pad thickness is OK and there is no further TSB on this topic.

Technical Background

There are different causes related to brake noises.

They are often related to contamination with brake dust, rust, road grit, or other external influences.

These noises are more likely to occur due to low mileage, only driving short distances, and very light braking application which does not enable cleaning of the brake to be performed sufficiently or optimum friction to be built up on the friction faces.

On new vehicles and low-mileage vehicles, noises may also occur as the friction faces must first bed in properly in relation to each other in order to generate an optimum friction value. It is difficult to determine a specific mileage that is required to do this, as this depends heavily on the driving profile.

Glazed friction surfaces on the brake pads also lead to noises. This phenomenon indicates a strong or excessive thermal load.

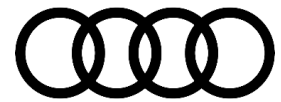


Figure 1: Example of a dirty friction surface on the brake pad.



Figure 2: Example of a dirty friction surface on the brake disc.



Figure 3: Example of brake pads with glazed friction surface.

Production Solution

Not Applicable

Service



It is important that the brakes are bedded in adequately using a driving style suited to the traffic conditions, and that they are braked clean at regular intervals. There is also information on this topic in the Owner's Manual. It may be advisable to inform the customer about this.

In the event of glazed or very dirty friction surfaces on the pads, the friction surface can be worked on/cleaned using workshop materials (e.g. Sandpaper; Brake cleaning) and the brake should then be bedded in again. It is not necessary 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 (**2069904**) 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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