



Technical Information

Brake pad guide plate

General

Some brake caliper variants use additional brake pad guide plates.

These are required for noise decoupling and reliable positioning of the brake pads.

As such, these guide plates – which are usually made of stainless steel – should be examined closely during repairs.



Effects of failure

Dirt and corrosion can collect under the guide plates, causing them to arch upward. As a result, the brake pads get jammed in the guides and there is no longer sufficient play (clearance) when the brake is not engaged. This leads to thermal overloads and premature wear of the brake pad when the brake is both engaged and disengaged, as well as increased noise emissions.

Mounting instructions

The guide plates should be replaced every time the brake pads are changed.

- Clean and grease the contact faces on the brake caliper mounts
- Grease the brake pad contact faces on the guide plate
- Always use non-metallic, permanent lubricants for brake systems

Note

This information applies to all guide plate variants, not just those shown here.