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BOSCH

Service and repair tips: Brake pads

As a strong partner with extensive expertise in brakes, we offer your workshop everything you need for the efficient maintenance and repair of brake systems: first-class products, reliable service offerings and efficient diagnostic technology.

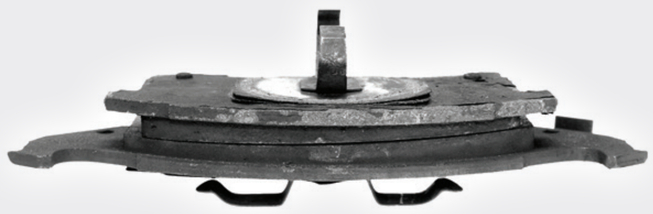
Wear on one side only

Cause:
- Brake caliper and/or brake caliper piston is blocked
- Guiding of the caliper does not work properly

Effect:
- Vehicle pulls to one side during braking
- Faster and/or uneven brake pad wear

Recommendation:
- Check the brake caliper and replace if necessary
- Replace the brake pads

Conical wear – vertical or horizontal

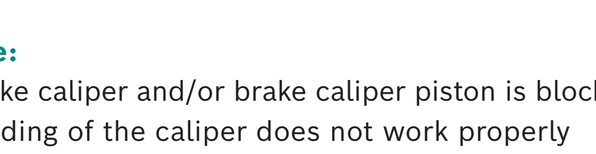


Cause:
- Worn brake caliper seals and/or spring
- Excessive operating clearance of the caliper

Effect:
- Premature brake pad wear
- Braking noise

Recommendation:
- Check the brake caliper and replace if necessary
- Replace the brake pads

Grooves and scoring in the friction material

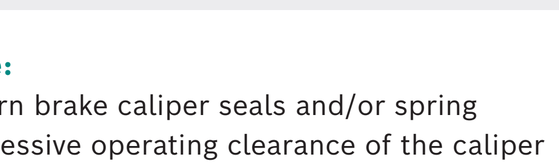


Cause:
- Dust or metal particles on the contact surface of the brake pad or brake disc
- Scratches on the surface of the brake disc

Effect:
- Braking noise
- Vibration during braking
- Affected braking efficiency

Recommendation:
- Check the brake disc and replace if necessary
- Replace the brake pads

Cracks or broken edges in the friction material



Cause:
- Extreme heat buildup due to constant contact between the brake pad and brake disc
- Bending of the brake pad backing plate
- Brake caliper or brake caliper piston is blocked

Effect:
- Braking noise
- Vehicle pulls to one side during braking
- Overheating on one wheel
- Uneven brake pad wear

Recommendation:
- Check the brake caliper and replace if necessary
- Replace the brake pads

Identifying and solving the most **common problems with brake pads:**

There are many causes of vibration and noise during braking. These are not always the result of worn brake pads. You should therefore always check the brake pads regularly to better identify the actual causes of braking problems.

Count on Bosch:

- High vehicle coverage: over 95%
- Matching solutions for all current vehicles
- Precise fit and easy assembly
- Reliable and fast delivery service

For more information, visit:
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To see the disc brake installation video: