



BRAKE PAD SERVICE AND REPAIR TIPS

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. Therefore, you should check brake pads regularly to better identify the actual causes of braking problems.



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Wear on One Side Only



Cause:

- Brake caliper and/or brake caliper piston is seized
- 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

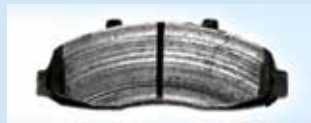
Effect:

- 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
- Improper 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 build-up 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 seized

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