

The Importance of Using New Fitting Kits When Replacing Brake Pads



Using a new fitting kit when replacing brake pads offers several important benefits that contribute to both performance and safety.

The Benefits

Improved Brake Performance

Old clips and springs can wear out or lose tension over time. New fitting kits ensure that the brake pads stay in the correct position and engage/disengage smoothly, providing optimal braking performance.

Reduced Brake Noise

Worn or corroded fittings are a common cause of brake squeal. New anti-rattle clips and shims help dampen vibrations and reduce or eliminate brake noise.

Extended Pad Life

Properly secured brake pads wear more evenly. New hardware ensures the pads are properly aligned and move freely within the caliper bracket which prevents premature or uneven wear.

Enhanced Safety

Brake hardware plays a critical role in brake function. Replacing old or damaged components reduces the risk of brake failure due to pad misalignment or binding.

Prevention of Sticking or Dragging Brakes

Corroded or damaged hardware can cause pads to stick or drag, leading to overheating or reduced braking efficiency. New kits often include stainless steel components that resist rust and corrosion better than older, worn parts.

Manufacturer-Intended Functionality

Brake pad manufacturers often design their pads to work with specific hardware. Using the correct fitting kit ensures the braking system functions as intended.

Minimal Additional Cost

Fitting kits are relatively inexpensive but offer significant value in terms of performance and reliability, making them a smart addition to a brake pad replacement.

A New Fitting Kit =

- ✓ Smoother Operation
- ✓ Quieter Brakes
- ✓ Longer Pad Life
- ✓ Better Safety

Some Key Fitting Kit Components:

• Anti-Rattle Clips

Purpose: Hold the brake pads in place within the caliper bracket and prevent excessive movement

Benefits: Reduce noise (e.g. squealing or rattling) and ensure even pad wear

• Pad Retaining Clips or Springs

Purpose: Apply tension to keep the pads snug and properly aligned

Benefits: Help the pads retract correctly after braking, reducing drag and wear

• Guide Pin Boots or Rubber Bushings

Purpose: Protect the guide (slide) pins from dirt, moisture, and corrosion

Benefits: Ensure smooth caliper movement and prevent sticking brakes

• Caliper Slide Pin Grease or Lubricant

Purpose: For lubricating slide pins

Benefit: Promotes free movement of the caliper, preventing binding and uneven wear

