



Technical Information

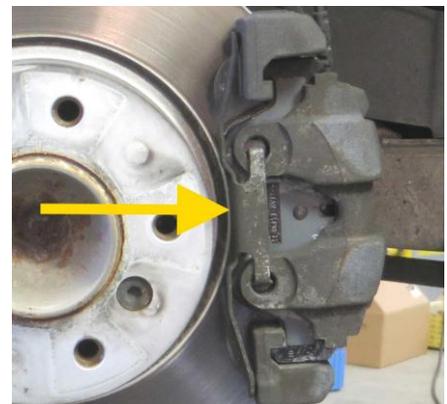
Brake caliper retaining spring

General

The disk brake can only be guaranteed to function reliably if every component does its job properly. As such, the brake caliper retaining spring must be examined carefully.

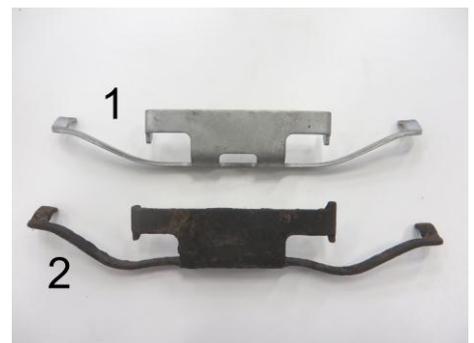
Task and function

The retaining spring's job is to hold the brake caliper in position. This prevents impermissible movements between the brake caliper and the brake caliper mount, while at the same time ensuring that the brake pad is positioned correctly. With time and use, the retaining spring will weaken, and may even break under certain circumstances. Defective and missing retaining springs cause additional noise and may cause the wheel brake to wear prematurely.



Mounting instructions

The retaining spring should be checked every time the brake pad is changed, and replaced if necessary. When repairing the brakes of vehicles that are more than 48 months old, the vehicle manufacturer also recommends replacing the retaining spring. Comparisons between new (1) and defective (2) retaining springs show that the retaining force reduces considerably if the spring is used for too long.



Note

This information applies to all brake caliper retaining spring variants, not just those shown here.