# Brake caliper, left

Suitable for Renault

?!?

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The main task of the brake caliper is to convert the pneumatic pressure in the braking system into a mechanical force – in order to reduce the vehicle's speed.

In the case of the pneumatically actuated disc brake, the piston rod of the brake cylinder is set in motion. Actuation of the piston rod on the brake caliper causes the inner brake pad to be pressed against the brake disc with high clamping force. With the reaction force, the outer pad is also pressed against the disc by moving the brake caliper. The vehicle brakes.

Hints and tips:

When carrying out maintenance work on the wheel brake, check that the brake calipers can be moved on the guide pins. For this purpose, it is recommended to move the brake caliper on the rim side several times up to the stop on the brake disc with the linings removed. In this regard, the protective sleeves of the guide pins must not be squeezed. The movement must be smooth.

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