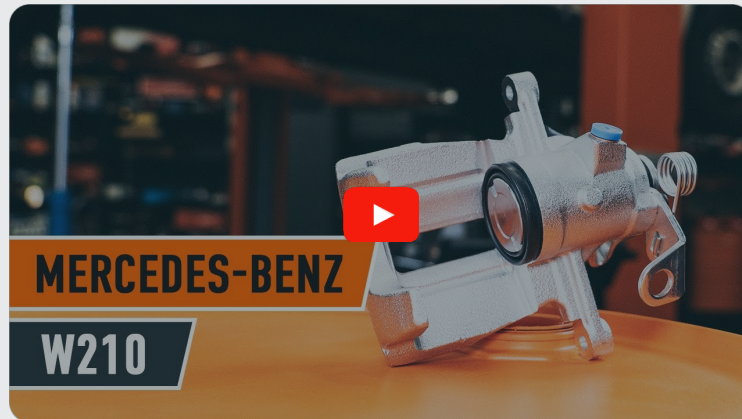




How to change rear  
brake caliper on  
**MERCEDES-BENZ SLK**  
**(R170)** – replacement  
guide

### SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

#### **i Important!**

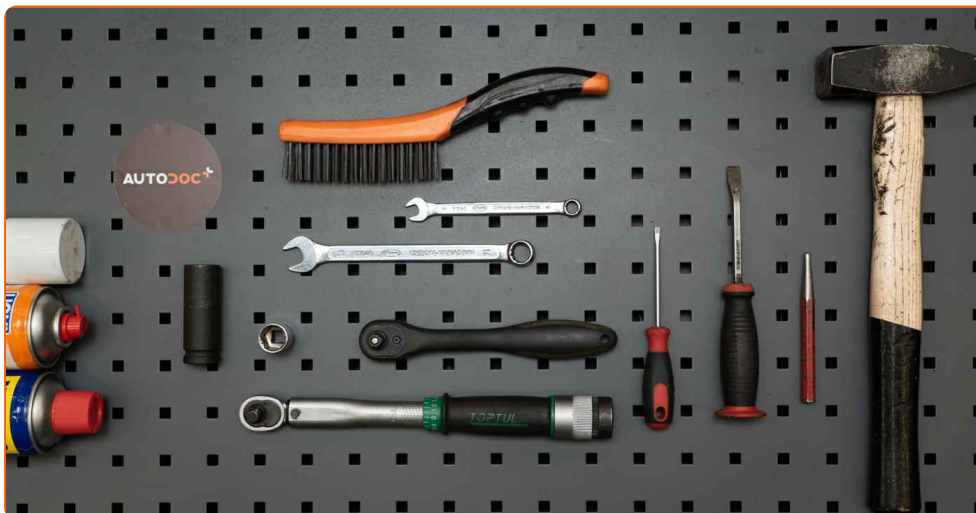
This replacement procedure can be used for:

MERCEDES-BENZ SLK (R170) 200 2.0 (170.435), MERCEDES-BENZ SLK (R170) 230 2.3 Kompressor (170.447), MERCEDES-BENZ SLK (R170) 200 2.0 Kompressor (170.445), MERCEDES-BENZ SLK (R170) 200 2.0 Kompressor (170.444), MERCEDES-BENZ SLK (R170) 230 2.3 Kompressor (170.449), MERCEDES-BENZ SLK (R170) 320 3.2 (170.465)

The steps may slightly vary depending on the car design.

This tutorial was created based on the replacement procedure for a similar car part on: MERCEDES-BENZ E-Class Saloon (W210) E 200 (210.035)

REPLACEMENT: BRAKE CALIPER – MERCEDES-BENZ  
SLK (R170). TOOLS YOU MIGHT NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Sealant
- Copper grease
- Combination spanner #9
- Flare nut spanner №14
- Drive socket # 17
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Flat Screwdriver
- Crow bar
- Hammer
- Pin punch
- Brake hose clip
- Brake bleeder kit
- Wheel chock

**Buy tools**

Replacement: brake caliper – MERCEDES-BENZ SLK (R170). Tip from AUTODOC:

- The replacement procedure is identical for the left and right brake calipers on the same axle.
- Please note: all work on the car – MERCEDES-BENZ SLK (R170) – should be done with the engine switched off.

**CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:**

**1** Open the bonnet. Unscrew the brake fluid reservoir cap.

**2** Secure the wheels with chocks.



**3** Loosen the wheel mounting bolts. Use wheel impact socket #17.



**4** Raise the rear of the car and secure on supports.

**5** Unscrew the wheel bolts.



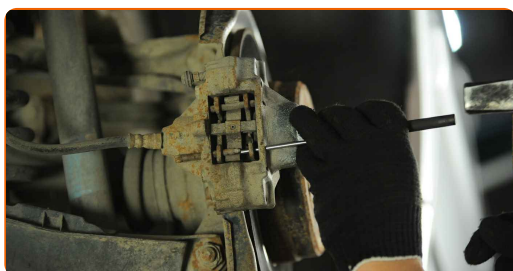
**AUTODOC recommends:**

- Important! Hold the wheel while unscrewing the fastening bolts. MERCEDES-BENZ SLK (R170)

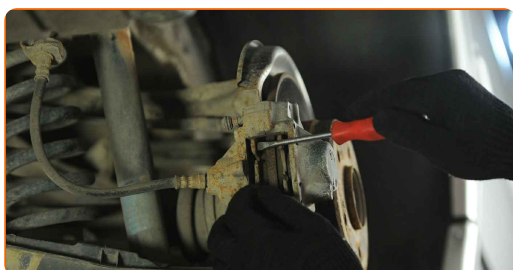
**6** Remove the wheel.



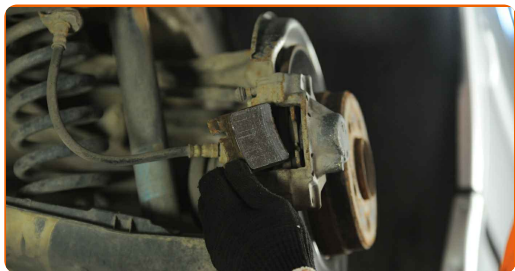
**7** Remove the brake pads retaining clips. Use a pin punch. Use a hammer.



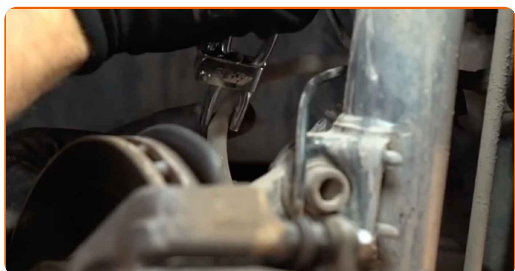
**8** Spread the brake pads. Use a crowbar.



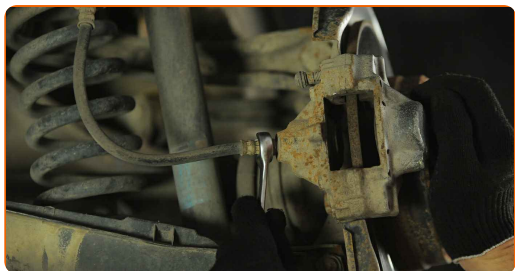
**9** Remove the brake pads. Use a flat screwdriver.



**10** Clamp the brake hose off using a brake hose clamp.

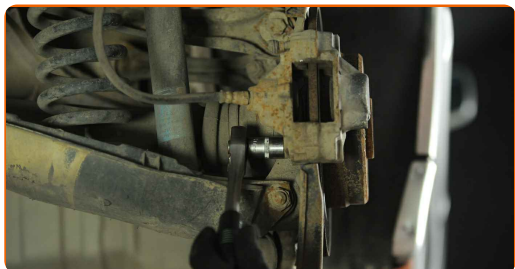


**11** Loosen the brake hose fastening. Use a flare nut spanner #14.



**12** Clean the brake caliper fasteners. Use a wire brush. Use WD-40 spray.

**13** Unscrew the brake caliper fastening. Use a drive socket #17. Use a ratchet wrench.



**14** Remove the fastening bolts (2 pieces).

**15** Remove the brake caliper.



**16** Disconnect the brake hose.



**17** Treat the brake hose. Use a brake cleaner.

**AUTODOC recommends:**

- Replacement: brake caliper – MERCEDES-BENZ SLK (R170). After applying the spray, wait a few minutes.

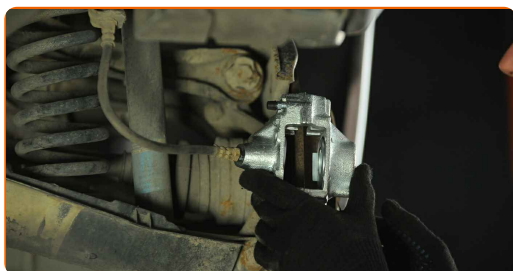
**18** Install and fix the brake hose into a new caliper.



**19** Remove the brake hose clamp.



**20** Install the brake caliper and fix it.

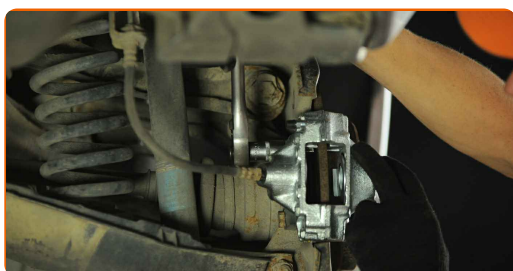


**21** Treat the fastening bolts. Use a sealant.



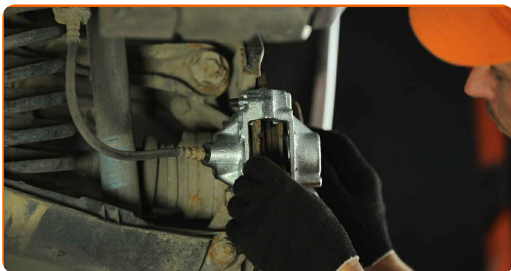
**22** Install the fastening bolts (2 pieces).

**23** Tighten the brake caliper fasteners. Use a drive socket #17. Use a torque wrench. Tighten it to 55 Nm torque.

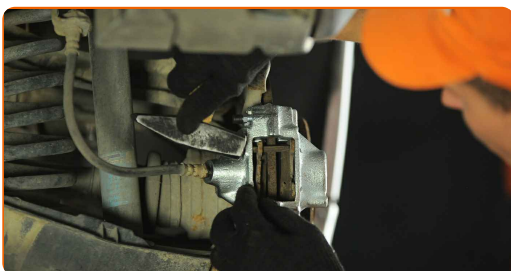




**24** Install the brake pads.

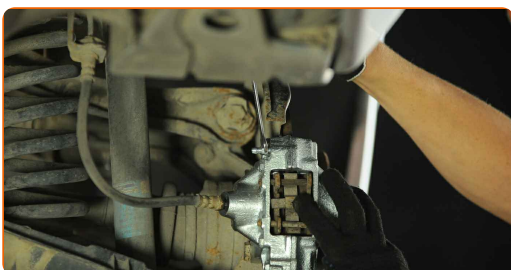


**25** Install the brake pads retaining clips. Use a pin punch. Use a hammer. Use a flat screwdriver.

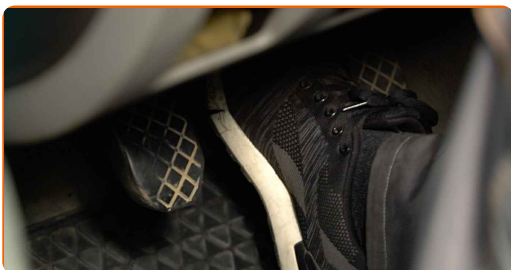


**26** Connect the brake bleeder kit to the brake bleeder screw.

**27** Undo the brake bleeder screw. Use a combination spanner #9.



**28** Bleed the brake caliper system. Without starting the engine, press the brake pedal several times until you feel significant resistance.

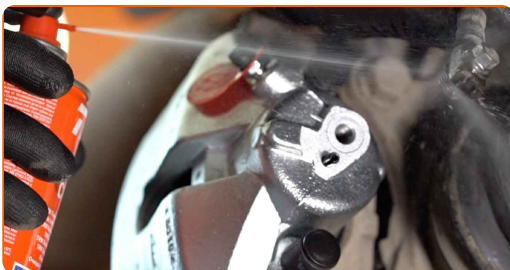


- 29 Tighten the brake caliper bleed screw. Use a combination spanner #9. Use a torque wrench. Tighten it to 11 Nm torque.



- 30 Disconnect the brake bleeder kit.

- 31 Clean dirt from the brake hose bolt. Use a brake cleaner.



Replacement: brake caliper – MERCEDES-BENZ SLK (R170). AUTODOC recommends:

- After applying the spray, wait a few minutes.

- 32 Treat the surface where the brake disc contacts the wheel rim. Use copper grease.



33

Clean the brake disk surface. Use a brake cleaner.



**AUTODOC recommends:**

- Replacement: brake caliper – MERCEDES-BENZ SLK (R170). After applying the spray, wait a few minutes.

34

Install the wheel.



**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. MERCEDES-BENZ SLK (R170)

35

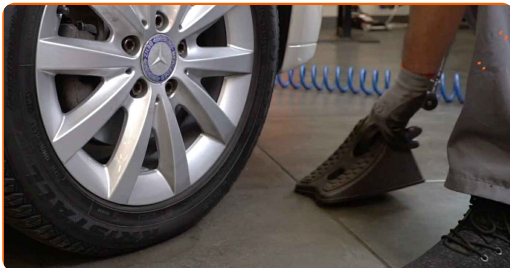
Screw in the wheel bolts. Use wheel impact socket #17.



- 36** Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 110 nm torque.



- 37** Remove the jacks and chocks.



Replacement: brake caliper – MERCEDES-BENZ SLK (R170). Professionals recommend:

- Check the brake fluid level in the expansion tank and refill if necessary.

- 38** Tighten the brake fluid reservoir cap. Close the hood.

Replacement: brake caliper – MERCEDES-BENZ SLK (R170). Tip from AUTODOC:

- Without starting the engine, press the brake pedal several times until you feel significant resistance.

**WELL DONE!** 

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