



How to change rear  
brake caliper on  
**MERCEDES-BENZ SLK**  
**(R171)** – replacement  
guide

## SIMILAR VIDEO TUTORIAL



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

### Important!

This replacement procedure can be used for:

MERCEDES-BENZ SLK (R171) 200 1.8 Kompressor (171.442), MERCEDES-BENZ SLK (R171) 280 3.0 (171.454), MERCEDES-BENZ SLK (R171) 200 1.8 Kompressor (171.445), MERCEDES-BENZ SLK (R171) 300 3.0 (171.454)

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 C-Class Saloon (W203) C 200 Kompressor (203.045)

REPLACEMENT: BRAKE CALIPER – MERCEDES-BENZ  
SLK (R171). TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Anti-squeal paste
- Copper grease
- Drive socket # 16
- Combination spanner #9
- Combination spanner #14
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Brake bleeder kit
- Brake hose clip
- Pin punch
- Hammer
- Crow bar
- Wheel chock

**Buy tools**

Replacement: brake caliper – MERCEDES-BENZ SLK (R171). AUTODOC recommends:

- The replacement procedure is identical for the left and right brake calipers on the same axle.
- All work should be done with the engine stopped.

## REPLACEMENT: BRAKE CALIPER – MERCEDES-BENZ SLK (R171). RECOMMENDED SEQUENCE OF STEPS:

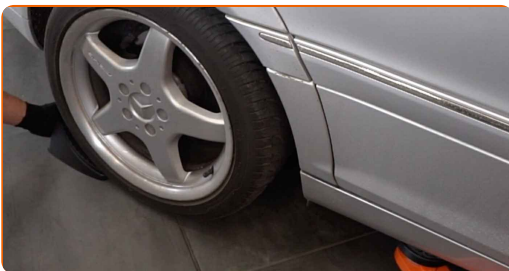
1

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.



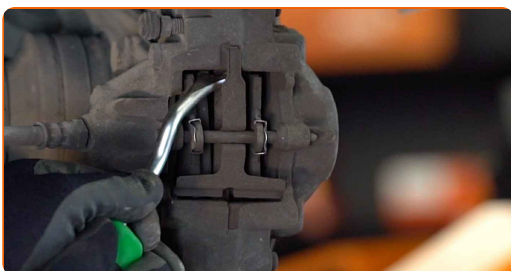
**Replacement: brake caliper – MERCEDES-BENZ SLK (R171). Tip:**

- To avoid injury, hold up the wheel when unscrewing the bolts.

**6** Remove the wheel.



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



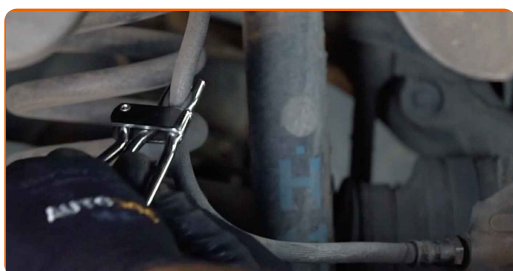
- 8 Clean the area where the brake hose is connected to the caliper, and the guide pins area. Use a wire brush. Use a brake cleaner.



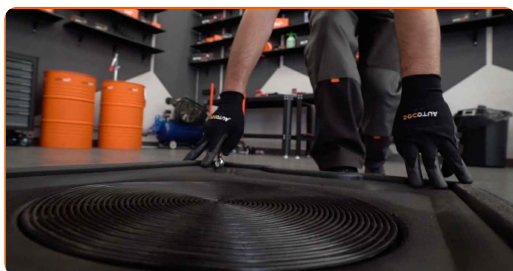
**AUTODOC recommends:**

- Replacement: brake caliper – MERCEDES-BENZ SLK (R171). After applying the spray, wait a few minutes.

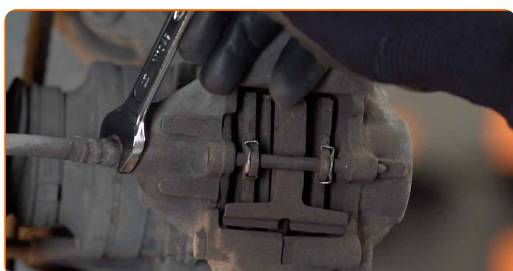
- 9 Clamp the brake hose off using a brake hose clamp.



- 10 Put a container for gathering brake fluid beneath.



- 11 Loosen the brake hose fastening. Use a combination spanner #14.



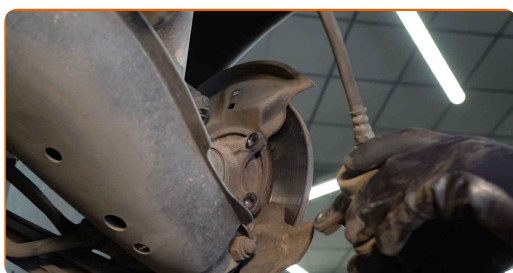
12

Unscrew the brake caliper fastening. Use a drive socket #16. Use a ratchet wrench.



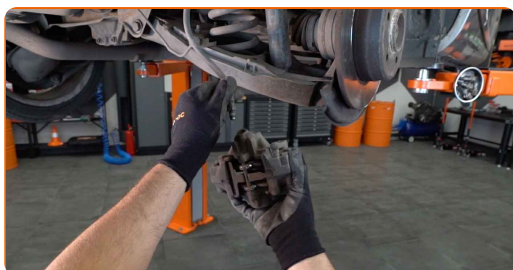
13

Remove the brake caliper.



14

Unscrew the brake hose from the brake caliper.



Replacement: brake caliper – MERCEDES-BENZ SLK (R171). AUTODOC experts recommend:

- When replacing a brake caliper it is recommended to replace brake pads, check the state of the brake discs and replace them with new ones if necessary.

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

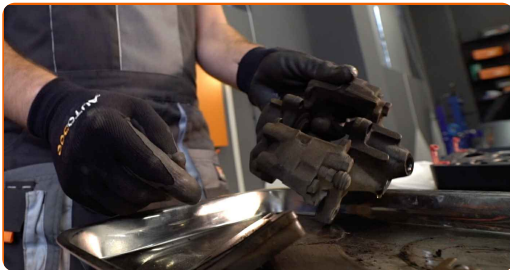


**16** While replacing the brake caliper on MERCEDES-BENZ SLK (R171), closely examine brake hoses for any signs of damage. Replace them if needed.

**17** Remove the brake pad retaining pin. Use a hammer. Use a pin punch.



**18** Remove the brake pads.



**19** If going to use the old brake pads, clean them. Use a wire brush. Use a brake cleaner.



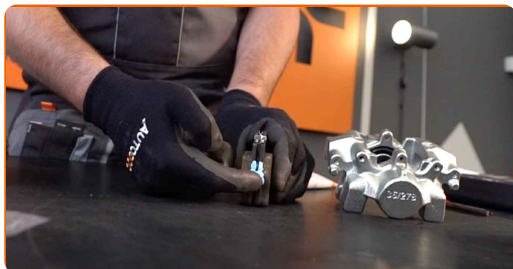


Replacement: brake caliper – MERCEDES-BENZ SLK (R171). Tip:

- After applying the spray, wait a few minutes.

20

Treat the surface where the brake pads contact the brake caliper. Use anti-squeal paste.



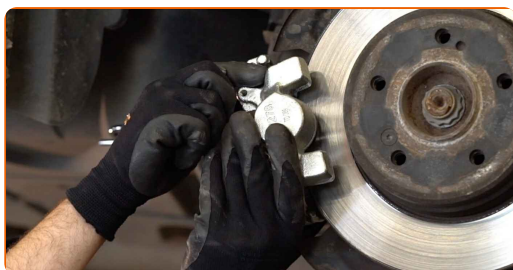
21

Screw the brake caliper on the brake pipe.



22

Install the brake caliper and fix it.



23

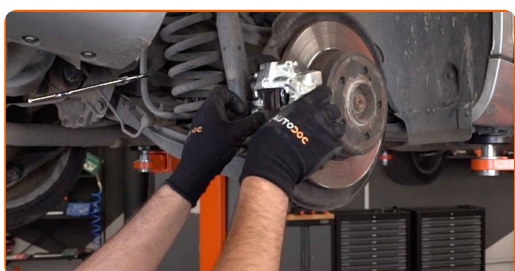
Tighten the brake caliper fasteners. Use a drive socket #16. Use a torque wrench. Tighten it to 55 Nm torque.



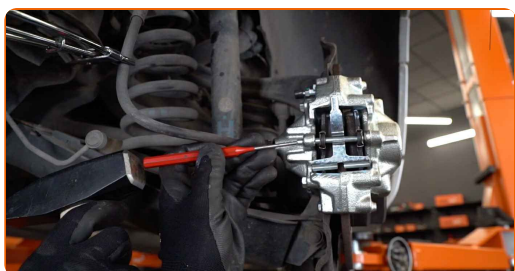
- 24 Tighten the fastener connecting the brake pipe to the brake caliper. Use a combination spanner #14. Use a torque wrench. Tighten it to 18 Nm torque.



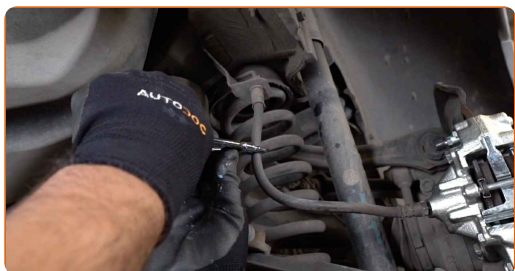
- 25 Install the brake pads.



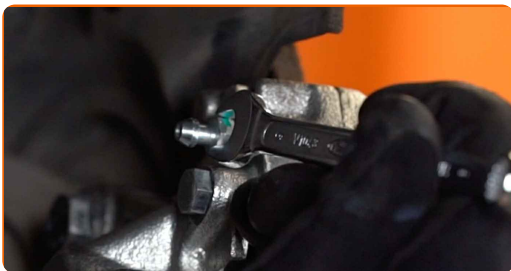
- 26 Install the brake pad retaining pin. Use a hammer. Use a pin punch.



- 27 Remove the brake hose clamp.



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



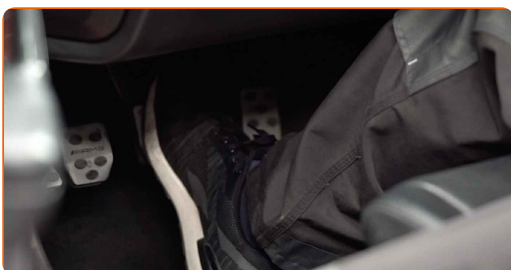
**29** Connect the brake bleeder kit to the brake bleeder screw.



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



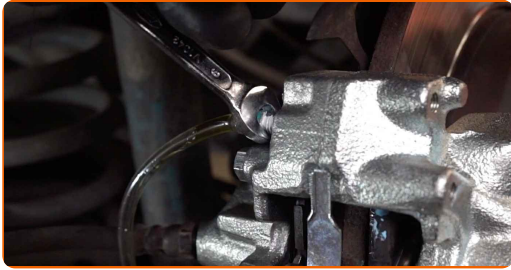
**31** Without starting the engine, press the brake pedal several times until you feel significant resistance.



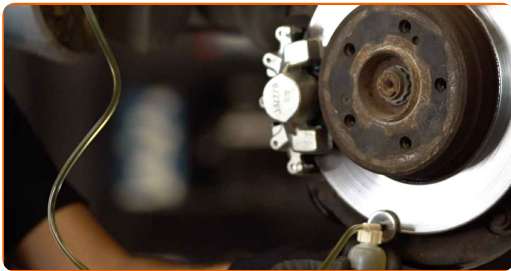
**32** Bleed the brake caliper system.



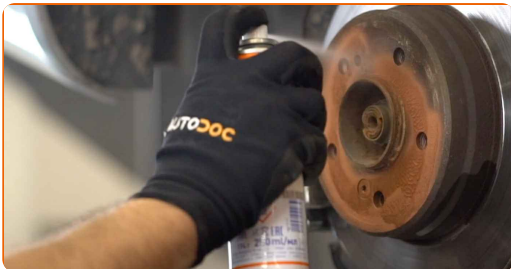
**33** Tighten the brake bleeder screw. Use a combination spanner #9.



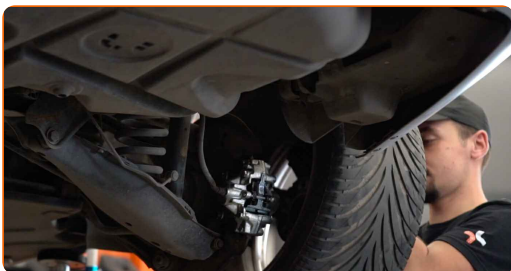
**34** Disconnect the brake bleeder kit.



**35** Clean the brake disk surface. Use a wire brush. Treat the contacting surface. Use copper grease.



**36** Install the wheel.



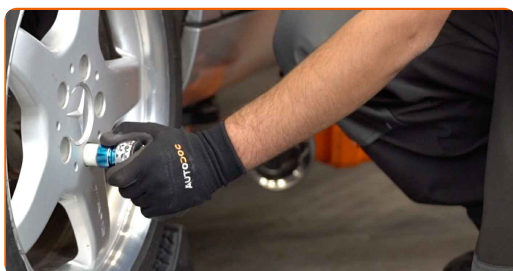
**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. MERCEDES-BENZ SLK (R171)

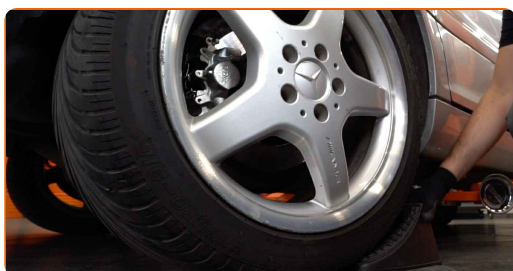
**37** Screw in the wheel bolts. Use wheel impact socket #17.



**38** Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 110 Nm torque.



**39** Remove the jacks and chocks.



Replacement: brake caliper – MERCEDES-BENZ SLK (R171). Professionals recommend:

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

40

Tighten the brake fluid reservoir cap. Close the hood.

**WELL DONE!** 

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