



How to change rear
brake caliper on **VW**
GOLF VI (5K1) –
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:

VW GOLF VI (5K1) 1.6 MultiFuel, VW GOLF VI (5K1) 2.0 R 4motion, VW GOLF VI (5K1) 1.2 TSI, VW GOLF VI (5K1) 2.0 GTi, VW GOLF VI (5K1) 1.4, VW GOLF VI (5K1) 1.6, VW GOLF VI (5K1) 1.4 TSI, VW GOLF VI (5K1) 2.0 TDI, VW GOLF VI (5K1) 1.6 BiFuel, VW GOLF VI (5K1) 1.6 TDI, VW GOLF VI (5K1) 2.0 TDI 4motion, VW GOLF VI (5K1) 1.8 TSI, VW GOLF VI (5K1) 2.5

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: VW Golf V Hatchback (1K1) 1.6

**REPLACEMENT: BRAKE CALIPER – VW GOLF VI (5K1).
LIST OF THE TOOLS YOU'LL NEED:**



- Wire brush
- Brake cleaner
- Copper grease
- Combination spanner #11
- Combination spanner #13
- Combination spanner #15
- Drive socket # 11
- Drive socket # 13
- Wheel impact socket #17
- Torque wrench
- Fluid container
- Brake hose clip
- Brake bleeder kit
- Water pump pliers
- Rubber mallet
- Crow bar
- Wheel chock

Buy tools

Replacement: brake caliper – VW GOLF VI (5K1). 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 – VW GOLF VI (5K1) – 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. VW GOLF VI (5K1)

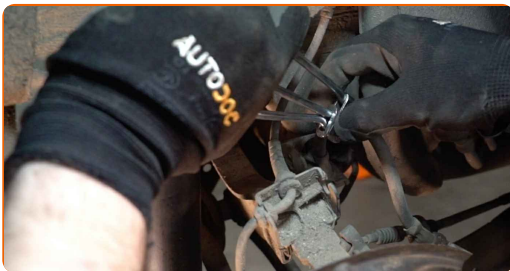
6

Remove the wheel.



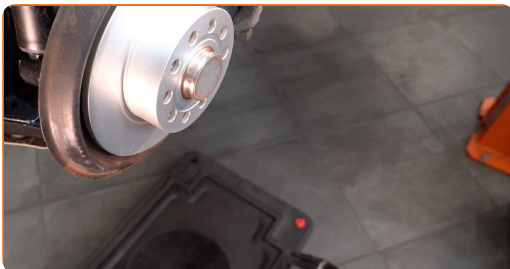
7

Clamp the brake hose off using a brake hose clamp.



8

Put a container for gathering brake fluid beneath.



- 9** 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 – VW GOLF VI (5K1). After applying the spray, wait a few minutes.

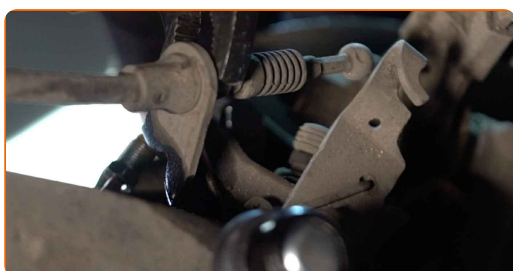
- 10** Unscrew the brake hose from the brake caliper. Use a combination spanner #11.



- 11** Remove the brake hose retaining clip. Use a crowbar.



- 12** Remove the retaining clip of the parking brake cable. Use a crowbar.



13 Disconnect the parking brake cable from the caliper. Use water pump pliers.

14 Release the parking brake cable.



15 Unscrew the fastener connecting the brake pipe to the brake hose. Use a combination spanner #13.



16 Unscrew the brake caliper fastening. Use a combination spanner #13.



17 Remove the brake caliper.

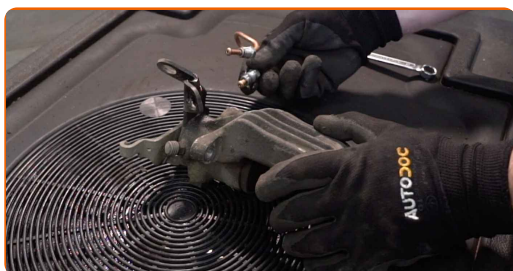


Replacement: brake caliper – VW GOLF VI (5K1). AUTODOC experts recommend:

- When replacing the brake caliper, it is recommended to check the brake hose for damages and, if necessary, to replace it with a new one.
- 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.
- If no new guide pins were supplied in a kit with the new brake calipers, use the old pins.

18

Unscrew the fastener connecting the brake pipe to the brake caliper. Use a combination spanner #13.



19

Install the brake caliper and fix it.



Please note!

- Hold up the brake caliper.

20 Tighten the brake caliper fasteners. Use a combination spanner #15. Use a drive socket #13. Use a torque wrench. Tighten it to 35 Nm torque.



21 Treat the brake pipe. Use a brake cleaner.



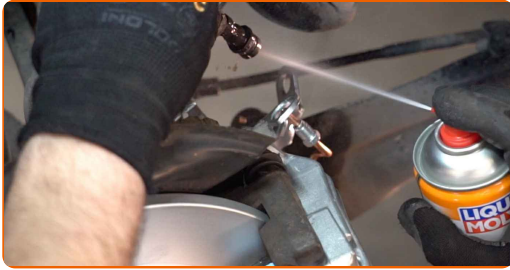
AUTODOC recommends:

- Replacement: brake caliper – VW GOLF VI (5K1). After applying the spray, wait a few minutes.

22 Screw in the fastener connecting the brake pipe to the brake caliper. Use a combination spanner #13.



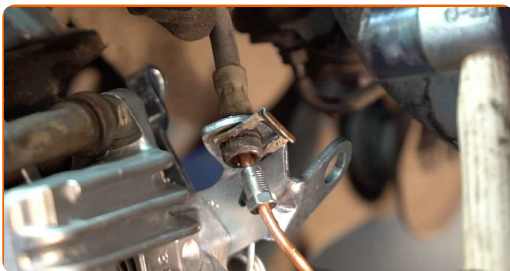
23 Treat the brake hose. Use a brake cleaner.



Replacement: brake caliper – VW GOLF VI (5K1). Professionals recommend:

- After applying the spray, wait a few minutes.

24 Install the brake hose retaining clip. Use a rubber mallet.



25 Screw in the fastener connecting the brake pipe to the brake hose. Use a combination spanner #13.



26 Remove the brake hose clamp.



27 Install the parking brake cable into the brake caliper bracket. Use water pump pliers.



28 Secure the parking brake cable with the retaining clip.



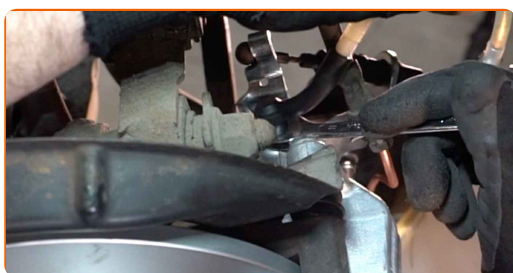
29 Detach the brake caliper bleed screw cap. Use a crowbar.



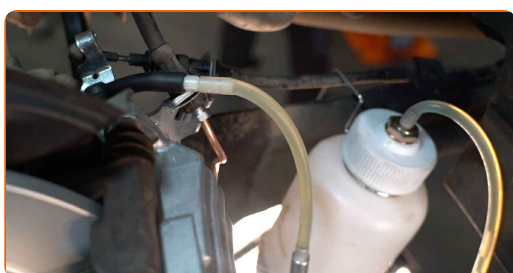
30 Connect the brake bleeder kit to the brake bleeder screw.



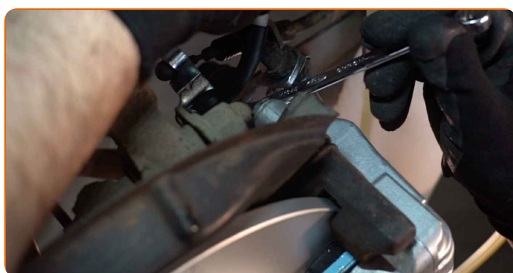
31 Undo the brake bleeder screw. Use a combination spanner #11.



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



33 Tighten the brake bleeder screw. Use a combination spanner #11.

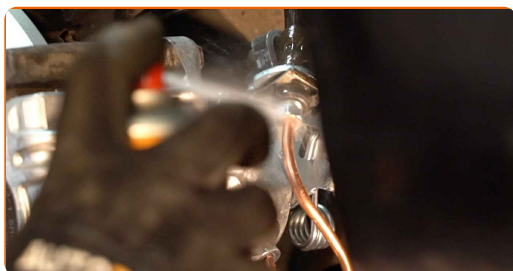


34 Disconnect the brake bleeder kit.

35 Tighten the brake caliper bleed screw. Use a drive socket #11. Use a torque wrench. Tighten it to 10 Nm torque.



36 Clean the brake caliper fasteners. Use a brake cleaner.



AUTODOC recommends:

- Replacement: brake caliper – VW GOLF VI (5K1). After applying the spray, wait a few minutes.

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



38

Clean the brake disk surface. Use a brake cleaner.



Replacement: brake caliper – VW GOLF VI (5K1). Tip from AUTODOC:

- After applying the spray, wait a few minutes.

39

Install the wheel.



AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. VW GOLF VI (5K1)

40

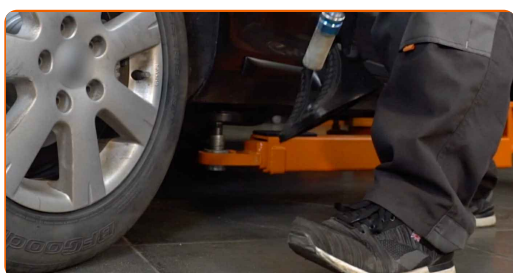
Screw in the wheel bolts. Use wheel impact socket #17.



41 Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 120 Nm torque.



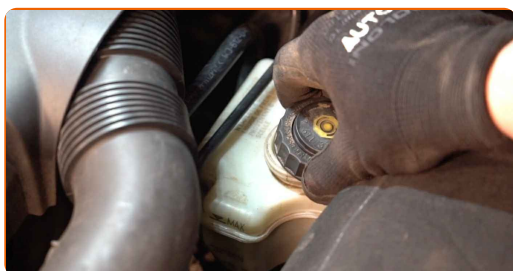
42 Remove the jacks and chocks.



Replacement: brake caliper – VW GOLF VI (5K1). AUTODOC recommends:

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

43 Tighten the brake fluid reservoir cap. Close the hood.



WELL DONE! 

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