



How to change front  
brake caliper on **VW Golf**  
**5** – replacement guide

## VIDEO TUTORIAL



### Important!

This replacement procedure can be used for:

VW Caddy III Van (2KA, 2KH, 2CA, 2CH) 1.9 TDI 4motion, VW Golf Plus / Crossgolf (5M1, 521) 1.6 BiFuel, VW Golf VI Hatchback (5K1) 1.6 MultiFuel, VW Golf Plus / Crossgolf (5M1, 521) 1.6 TDI, VW Jetta Mk6 (162, 163, AV3, AV2) 1.2 TSI, VW Jetta Mk6 (162, 163, AV3, AV2) 1.6 TDI, VW Golf VI Variant (AJ5) 1.6 MultiFuel, VW Golf Plus / Crossgolf (5M1, 521) 1.2 TSI, VW Golf IV Hatchback (1J1) 1.9 TDI, VW Golf IV Hatchback (1J1) 1.6, VW Golf IV Hatchback (1J1) 1.9 SDI, VW Golf IV Hatchback (1J1) 1.4 16V, VW Golf IV Hatchback (1J1) 1.8, VW New Beetle Hatchback (9C1, 1C1) 2.0, VW New Beetle Hatchback (9C1, 1C1) 1.9 TDI, (+ 192)

The steps may slightly vary depending on the car design.

REPLACEMENT: BRAKE CALIPER – VW GOLF 5. TOOLS  
YOU MIGHT NEED:



- Wire brush
- Brake cleaner
- Copper grease
- Combination spanner #10
- Drive socket # 10
- Drive socket # 11
- HEX bit No.H7
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Fluid container
- Brake hose clip
- Brake bleeder kit
- Crow bar
- Wheel chock

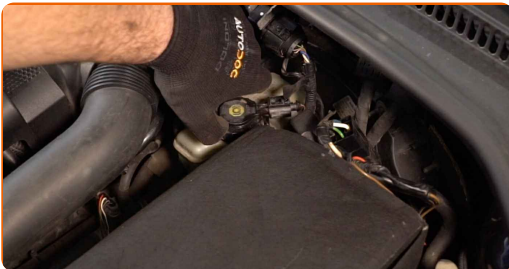
**BUY TOOLS**

Replacement: brake caliper – VW Golf 5. Tip from AUTODOC:

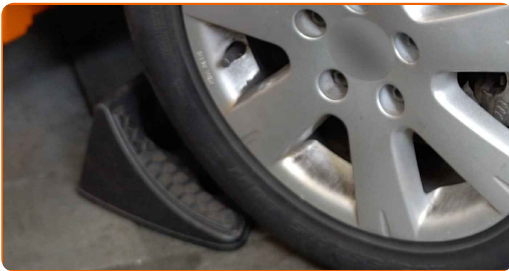
- The replacement procedure is identical for the left and right brake calipers on the same axle.
- Please note: all work on the car – VW Golf 5 – should be done with the engine switched off.

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

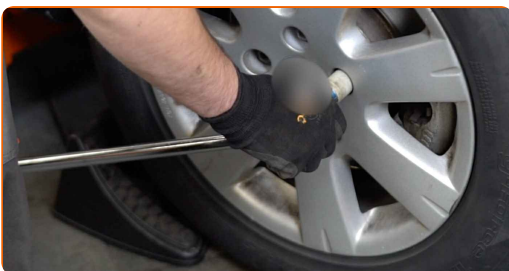
**1** Open the bonnet. Unscrew the brake fluid reservoir cap.



**2** Secure the wheels with chocks.



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



4

Raise the front of the car and secure on supports.



5

Unscrew the wheel bolts.

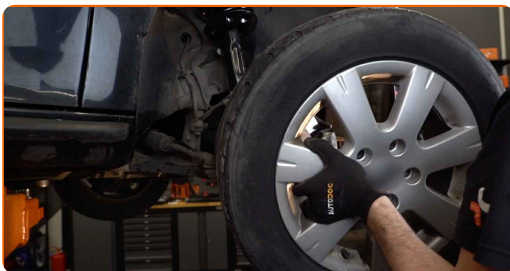


**AUTODOC recommends:**

- Important! Hold the wheel while unscrewing the fastening bolts. VW Golf 5

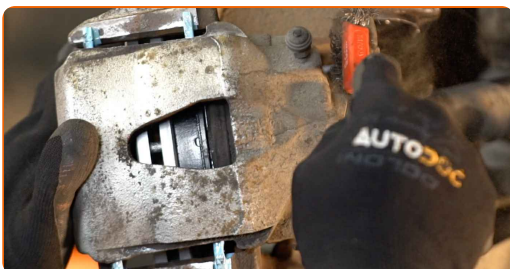
6

Remove the wheel.



7

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.

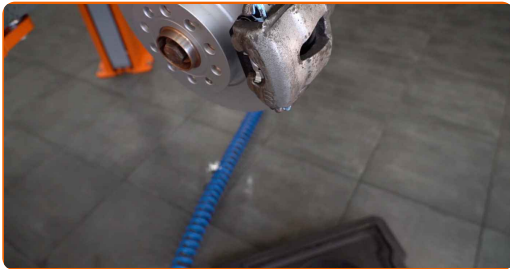


AUTODOC recommends:

- Replacement: brake caliper – VW Golf 5. After applying the spray, wait a few minutes.

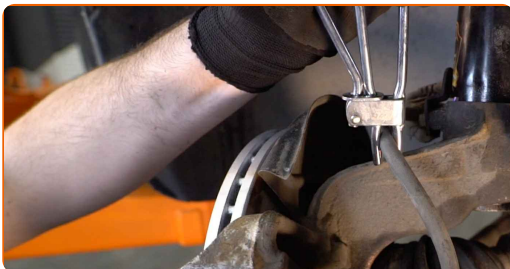
8

Put a container for gathering brake fluid beneath.



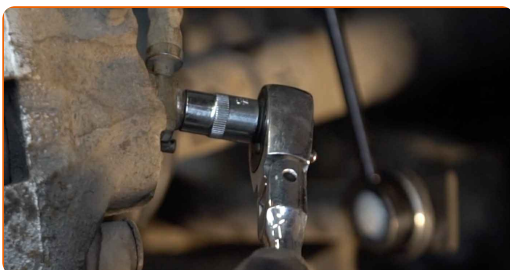
9

Clamp the brake hose off using a brake hose clamp.



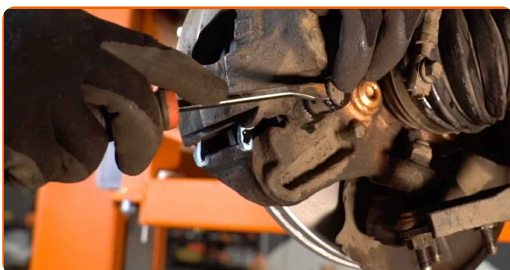
10

Unscrew the brake hose from the brake caliper. Use a drive socket #11. Use a ratchet wrench.



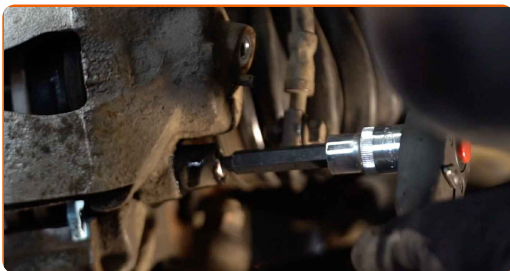
11

Remove the dust boot caps of the brake caliper guide pins. Use a crowbar.



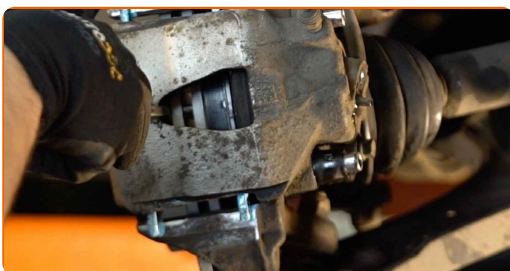
12

Unscrew the brake caliper fastening. Use HEX No.H7. Use a ratchet wrench.



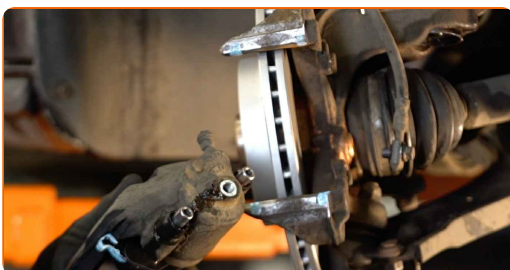
13

Spread the brake pads. Use a crowbar.



14

Remove the brake caliper.



### Replacement: brake caliper – VW Golf 5. Tip from AUTODOC:

- 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.

15

Remove the brake pads.



16

Install the brake pads.



Replacement: brake caliper – VW Golf 5. Professionals recommend:

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

17

Install the brake caliper and fix it. Use HEX No.H7. Use a torque wrench. Tighten it to 30 Nm torque.





- 18 Treat the brake hose. Use a brake cleaner.



**AUTODOC recommends:**

- Replacement: brake caliper – VW Golf 5. After applying the spray, wait a few minutes.

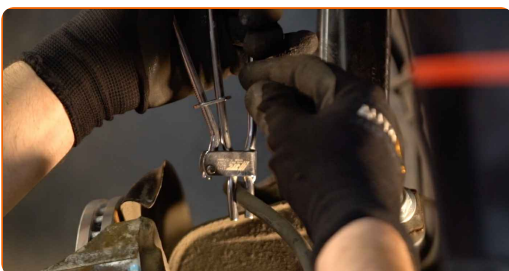
- 19 Install and fix the brake hose into a new caliper. Use a drive socket #11. Use a torque wrench. Tighten it to 30 Nm torque.



- 20 Undo the brake bleeder screw. Use a combination spanner #10.



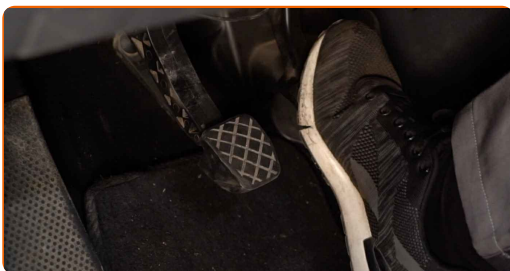
- 21 Remove the brake hose clamp.



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



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



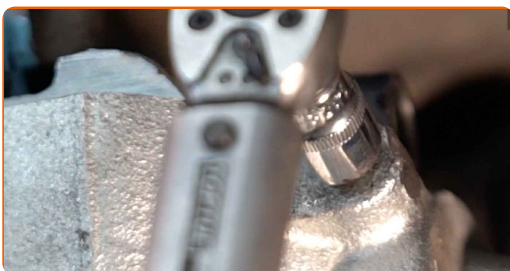
**24** Tighten the brake bleeder screw. Use a combination spanner #10.



**25** Disconnect the brake bleeder kit.



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



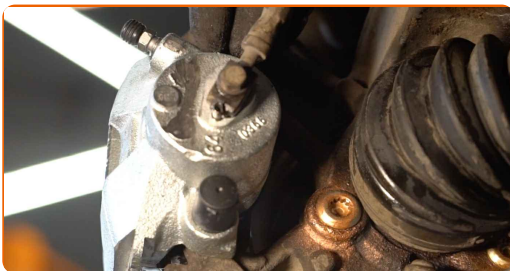
27 Clean dirt from the brake hose bolt. Use a brake cleaner.



Replacement: brake caliper – VW Golf 5. AUTODOC experts recommend:

- After applying the spray, wait a few minutes.

28 Install the dust boot caps of the brake caliper guide pins.



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



30 Clean the brake disk surface. Use a brake cleaner.



AUTODOC recommends:

- Replacement: brake caliper – VW Golf 5. After applying the spray, wait a few minutes.

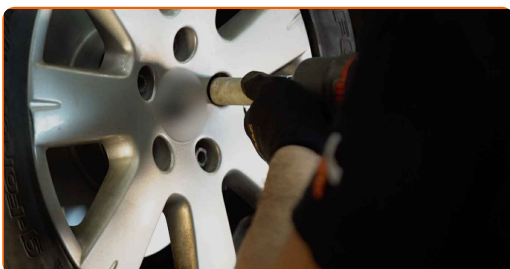
31 Install the wheel.



AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. VW Golf 5

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



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



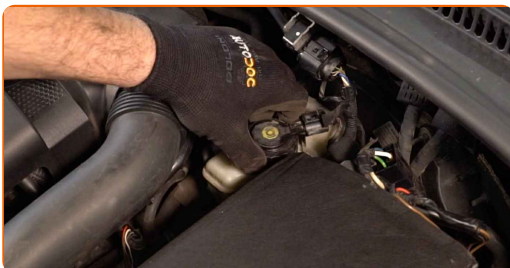
- 34** Remove the jacks and chocks.



**AUTODOC recommends:**

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

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



**WELL DONE!** 

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