



How to change rear
brake caliper on **VW
Multivan VI (SGF, SGM,
SGN)** – 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:

VW Multivan VI (SGF, SGM, SGN) 2.0 TDI, VW Multivan VI (SGF, SGM, SGN) 2.0 TDI 4motion, VW Multivan VI (SGF, SGM, SGN) 2.0 TSI, VW Multivan VI (SGF, SGM, SGN) 2.0 TSI 4motion, VW Multivan VI (SGF, SGM, SGN) 2.0 TDI (CxEC), VW Multivan VI (SGF, SGM, SGN) 2.0 TDI 4motion (CxEC)

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 Multivan V (7HM, 7HN, 7HF, 7EF, 7EM, 7EN) 1.9 TDI

REPLACEMENT: BRAKE CALIPER – VW MULTIVAN VI (SGF, SGM, SGN). TOOLS YOU MIGHT NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Ceramic grease
- Copper grease
- Torque wrench
- Flare nut spanner №11
- Combination spanner #14
- Drive socket # 12
- Wheel impact socket #19
- Ratchet wrench
- Crow bar
- Round-nose pliers
- Brake bleeder kit
- Brake hose clip
- Wheel chock

Buy tools

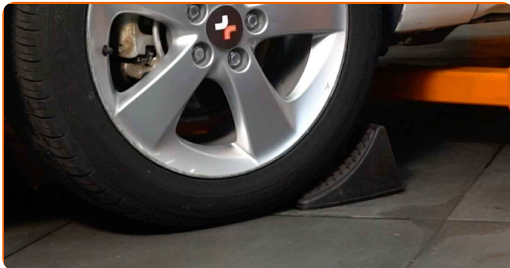
Replacement: brake caliper – VW Multivan VI (SGF, SGM, SGN). AUTODOC experts recommend:

- 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.

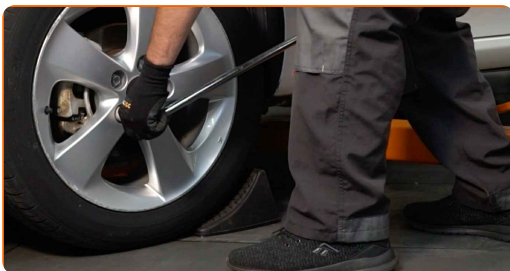
REPLACEMENT: BRAKE CALIPER – VW MULTIVAN VI (SGF, SGM, SGN). RECOMMENDED SEQUENCE OF STEPS:

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 #19.



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

5 Unscrew the wheel bolts.



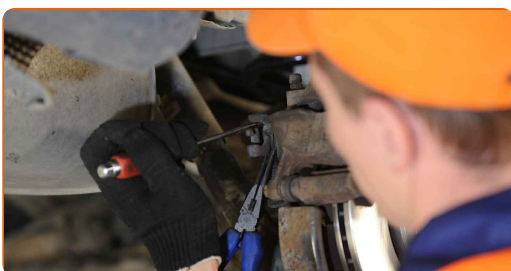
AUTODOC recommends:

- Important! Hold the wheel while unscrewing the fastening bolts. VW Multivan VI (SGF, SGM, SGN)

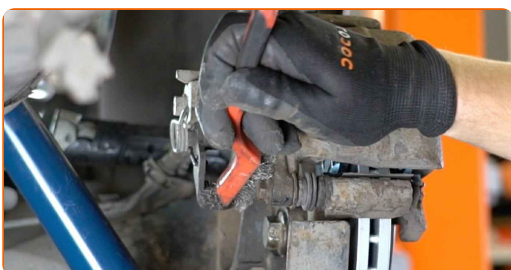
6 Remove the wheel.



7 Release the parking brake cable. Use round-nose pliers. Use a crowbar.



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



9

Unscrew the brake caliper fasteners. Use a drive socket #12. Use a ratchet wrench.



10

Remove the brake caliper.



Replacement: brake caliper – VW Multivan VI (SGF, SGM, SGN). AUTODOC recommends:

- 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.

11 Detach the brake pad wear sensor wiring harness.

12 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.



13 Clamp the brake hose off using a brake hose clamp.



14 Unscrew the brake hose from the brake caliper. Use a combination spanner #14.



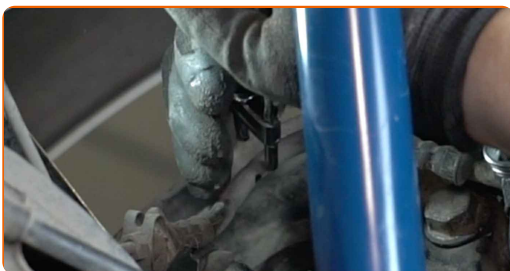
16 Install and fix the brake hose into a new caliper.



- 17 Tighten the fastener connecting the brake pipe to the brake caliper. Use a combination spanner #14. Use a torque wrench. Tighten it to 15 Nm torque.



- 18 Remove the brake hose clamp.



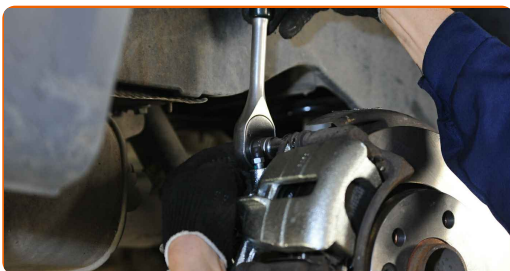
- 19 Clean the brake caliper surface.

- 20 Install the brake caliper and fix it.

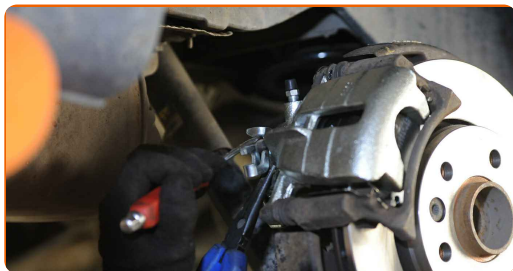


- 21 Attach the brake pad wear sensor wiring harness.

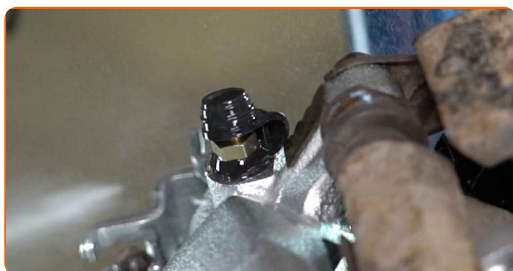
- 22 Tighten the brake caliper fasteners. Use a drive socket #12. Use a torque wrench. Tighten it to 30 Nm torque.



23 Install the parking brake cable into the brake caliper bracket. Use round-nose pliers. Use a crowbar.



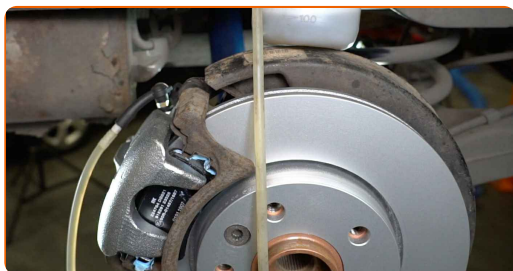
24 Clean dirt from the brake hose bolt. Use a brake cleaner.



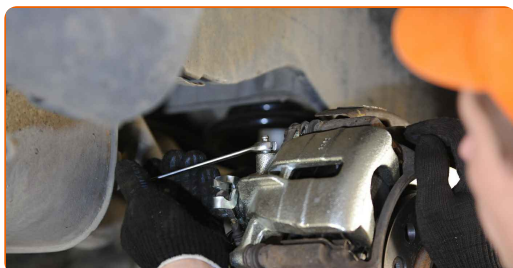
AUTODOC recommends:

- Replacement: brake caliper – VW Multivan VI (SGF, SGM, SGN). After applying the spray, wait a few minutes.

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



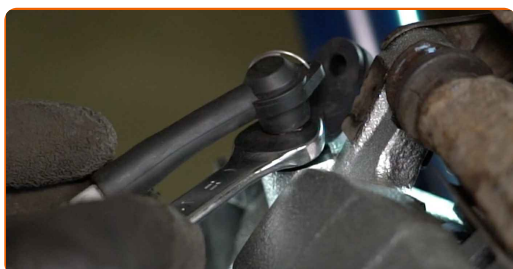
26 Undo the brake bleeder screw. Use a flare nut spanner #11.



27 Bleed the brake caliper system.

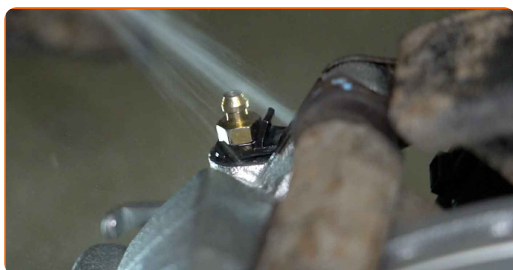


28 Tighten the brake caliper bleed screw. Use a flare nut spanner #11. Use a torque wrench. Tighten it to 10 Nm torque.



29 Disconnect the brake bleeder kit.

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



31 Treat the surface where the brake disc contacts the wheel rim. Use ceramic grease.



32

Clean the brake disk surface. Use a brake cleaner.



AUTODOC recommends:

- Replacement: brake caliper – VW Multivan VI (SGF, SGM, SGN). After applying the spray, wait a few minutes.

33

Install the wheel.



AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. VW Multivan VI (SGF, SGM, SGN)

34

Screw in the wheel bolts. Use wheel impact socket #19.



- 35** Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #19. Use a torque wrench. Tighten it to 180 Nm torque.



- 36** Remove the jacks and chocks.



Replacement: brake caliper – VW Multivan VI (SGF, SGM, SGN). Professionals recommend:

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

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

WELL DONE! 

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BRAKE CALIPER: A WIDE SELECTION

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