



How to change front  
brake caliper on **VW**  
**Transporter VI Platform**  
**/ Chassis (SFD, SFE, SFL,**  
**SFZ) – 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 Transporter VI Platform / Chassis (SFD, SFE, SFL, SFZ) 2.0 TDI, VW Transporter VI Platform / Chassis (SFD, SFE, SFL, SFZ) 2.0 TDI 4motion, VW Transporter VI Platform / Chassis (SFD, SFE, SFL, SFZ) 2.0 TSI

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 TRANSPORTER VI PLATFORM / CHASSIS (SFD, SFE, SFL, SFZ). TOOLS YOU MIGHT NEED:**



- Wire brush
- Brake cleaner
- Copper grease
- Brake caliper guide pins grease
- Ceramic grease
- Torque wrench
- Flare nut spanner №11
- Combination spanner #14
- HEX bit No.H7
- Wheel impact socket #19
- Ratchet wrench
- Crow bar
- Brake bleeder kit
- Brake hose clip
- Wheel chock

**Buy tools**

Replacement: brake caliper – VW Transporter VI Platform / Chassis (SFD, SFE, SFL, SFZ). 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 TRANSPORTER VI PLATFORM / CHASSIS (SFD, SFE, SFL, SFZ). RECOMMENDED SEQUENCE OF STEPS:

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

**2** Secure the wheels with chocks.

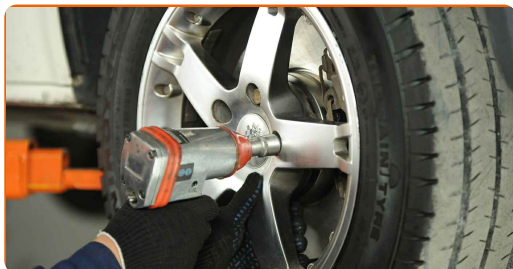


**3** Loosen the wheel mounting bolts. Use wheel impact socket #19.



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

**5** Unscrew the wheel bolts.



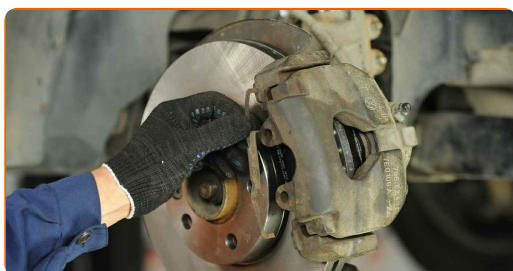
**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts. VW Transporter VI Platform / Chassis (SFD, SFE, SFL, SFZ)

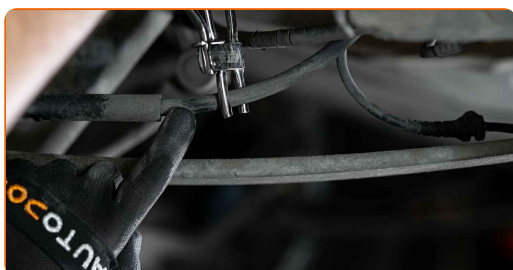
**6** Remove the wheel.



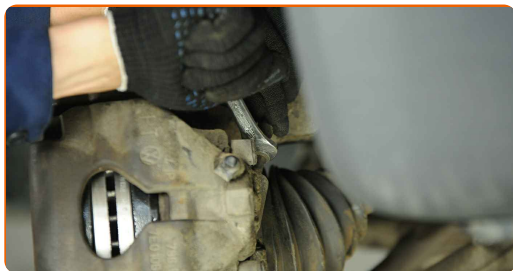
**7** Detach the brake caliper retaining spring. Use a crowbar.



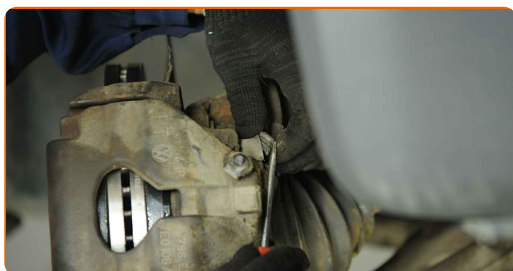
**8** Clamp the brake hose off using a brake hose clamp.



**9** Loosen the brake hose fastening. Use a combination spanner #14.



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



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



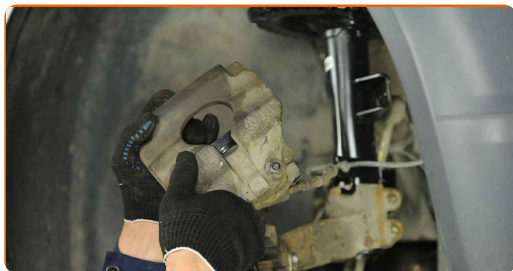
**12** Unscrew the brake caliper fasteners. Use HEX No.H7. Use a ratchet wrench.



**13** Remove the guide pins from the brake caliper.

14

Remove the brake caliper.

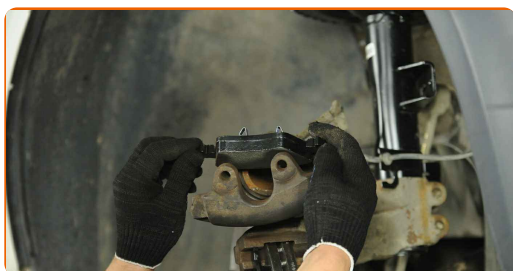


Replacement: brake caliper – VW Transporter VI Platform / Chassis (SFD, SFE, SFL, SFZ). Professionals recommend:

- 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.

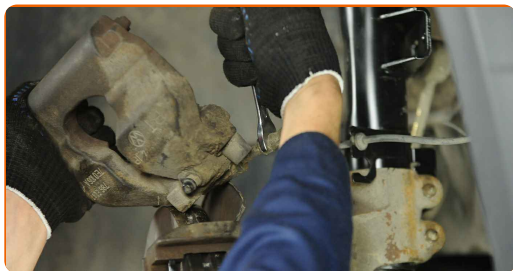
15

Remove the brake pads.



**16**

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

**17**

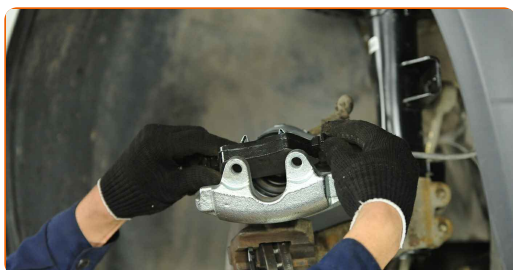
Treat the brake hose. Use a brake cleaner.

**18**

Install and fix the brake hose into a new caliper.

**19**

Install the brake pads.

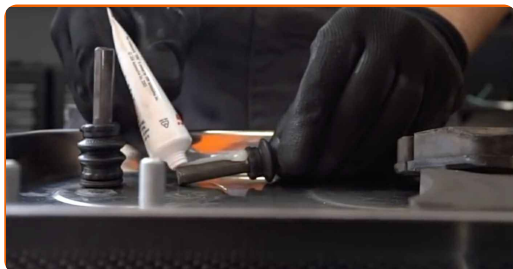
**20**

Install the brake caliper and fix it.





**21** Clean the brake caliper guide pins. Use the brake caliper guide pin grease.

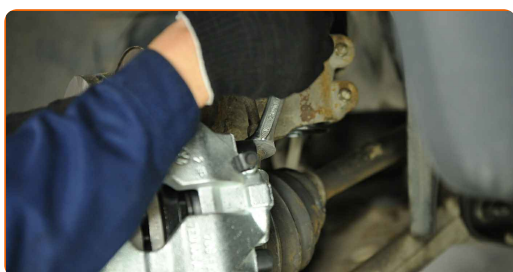


**22** Screw in the guide pins.

**23** Tighten the brake caliper fasteners. Use HEX No.H7. Use a torque wrench. Tighten it to 30 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 15 Nm torque.



**25** Remove the brake hose clamp.



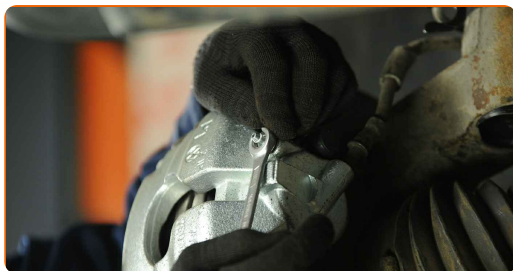
**26** Install the dust boot caps of the brake caliper guide pins.



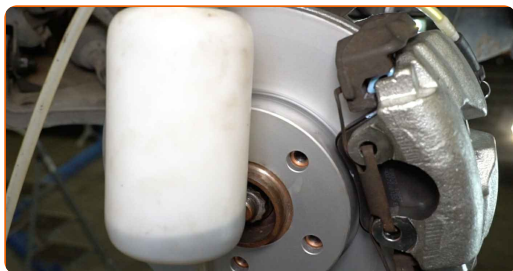
**27** Install the brake caliper retaining spring. Use a crowbar.



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



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



**30** Bleed the brake caliper system.



Replacement: brake caliper – VW Transporter VI Platform / Chassis (SFD, SFE, SFL, SFZ). AUTODOC recommends:

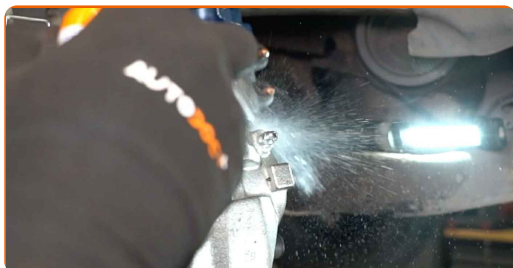
- Check the brake fluid level in the expansion tank and refill if necessary.

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



**32** Disconnect the brake bleeder kit.

**33** Clean dirt from the brake hose bolt. Use a brake cleaner.



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



**35** Clean the brake disk surface. Use a brake cleaner.



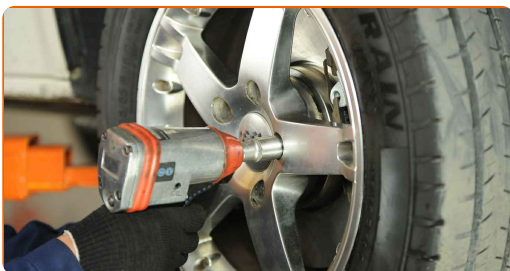
**36** Install the wheel.



**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. VW Transporter VI Platform / Chassis (SFD, SFE, SFL, SFZ)

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



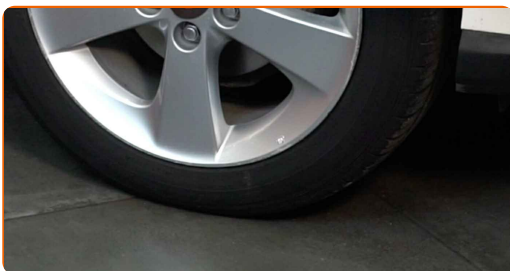
**38**

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.



**39**

Remove the jacks and chocks.



Replacement: brake caliper – VW Transporter VI Platform / Chassis (SFD, SFE, SFL, SFZ). AUTODOC experts 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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