



How to change front
brake caliper on **VW**
Transporter T4 –
replacement guide

VIDEO TUTORIAL



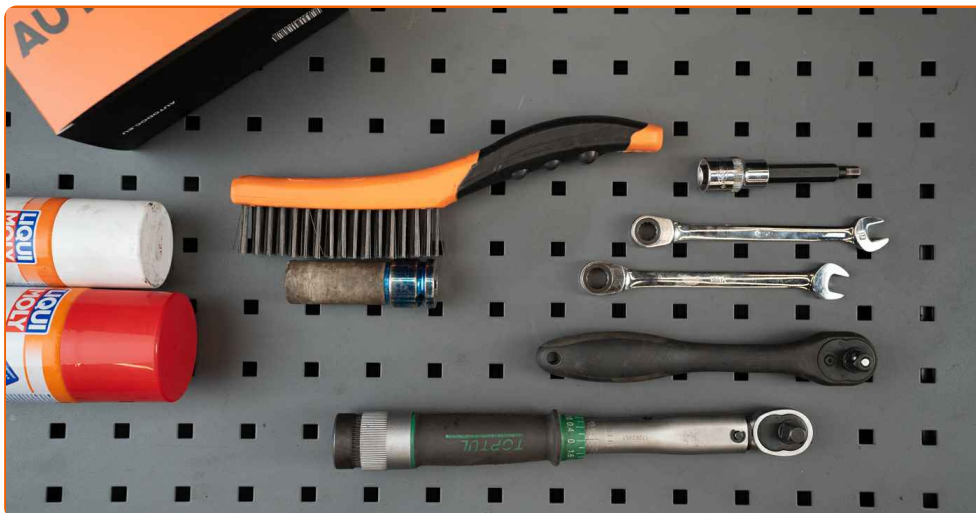
Important!

This replacement procedure can be used for:

VW Transporter IV Minibus (70B, 70C, 7DB, 7DK, 70J, 70K, 7DC, 7DJ) 2.4 D Syncro, VW Transporter IV Minibus (70B, 70C, 7DB, 7DK, 70J, 70K, 7DC, 7DJ) 2.5 Syncro, VW Transporter IV Minibus (70B, 70C, 7DB, 7DK, 70J, 70K, 7DC, 7DJ) 2.5, VW Transporter IV Minibus (70B, 70C, 7DB, 7DK, 70J, 70K, 7DC, 7DJ) 1.8, VW Transporter IV Minibus (70B, 70C, 7DB, 7DK, 70J, 70K, 7DC, 7DJ) 1.9 D, VW Transporter IV Minibus (70B, 70C, 7DB, 7DK, 70J, 70K, 7DC, 7DJ) 1.9 TD, VW Transporter IV Minibus (70B, 70C, 7DB, 7DK, 70J, 70K, 7DC, 7DJ) 2.4 D, VW Transporter IV Minibus (70B, 70C, 7DB, 7DK, 70J, 70K, 7DC, 7DJ) 2.0, VW Transporter IV Minibus (70B, 70C, 7DB, 7DK, 70J, 70K, 7DC, 7DJ) 2.5 TDI, VW Transporter IV Minibus (70B, 70C, 7DB, 7DK, 70J, 70K, 7DC, 7DJ) 2.5 TDI Syncro, VW Transporter IV Van (70A, 70H, 7DA, 7DH) 2.0, VW Transporter IV Van (70A, 70H, 7DA, 7DH) 2.5, VW Transporter IV Van (70A, 70H, 7DA, 7DH) 1.9 D, VW Transporter IV Van (70A, 70H, 7DA, 7DH) 1.9 TD, VW Transporter IV Van (70A, 70H, 7DA, 7DH) 2.4 D, (+ 20)

The steps may slightly vary depending on the car design.

REPLACEMENT: BRAKE CALIPER – VW TRANSPORTER
T4. TOOLS YOU NEED:



- Wire brush
- Brake cleaner
- Copper grease
- Combination spanner #10
- Combination spanner #11
- Flare nut spanner №11
- HEX bit No.H7.
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Flat Screwdriver
- Wheel chock

BUY TOOLS

Replacement: brake caliper – VW Transporter T4. AUTODOC experts recommend:

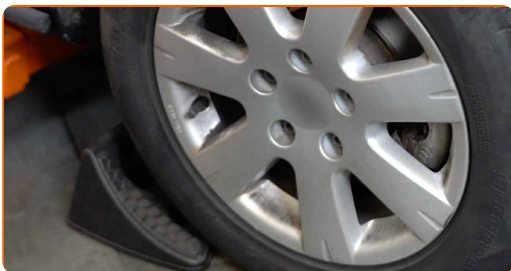
- The replacement procedure is identical for the left and right brake calipers on the same axle.
- All work should be done with the engine stopped.

REPLACEMENT: BRAKE CALIPER – VW TRANSPORTER T4. USE THE FOLLOWING PROCEDURE:

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



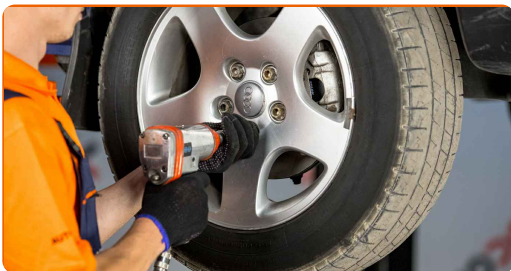
2 Secure the wheels with chocks.



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

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

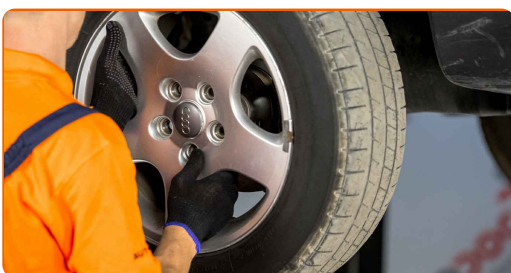
5 Unscrew the wheel bolts.



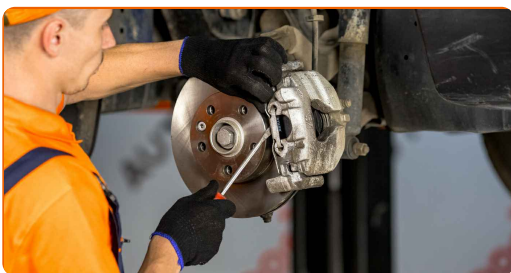
Replacement: brake caliper – VW Transporter T4. Tip:

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

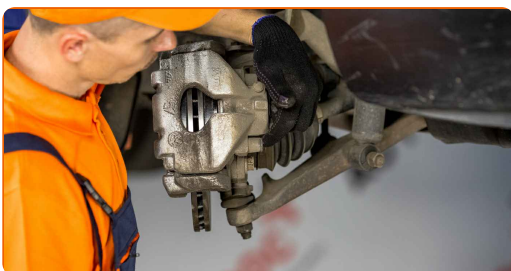
6 Remove the wheel.



7 Detach the brake caliper retaining spring. Use a flat screwdriver.

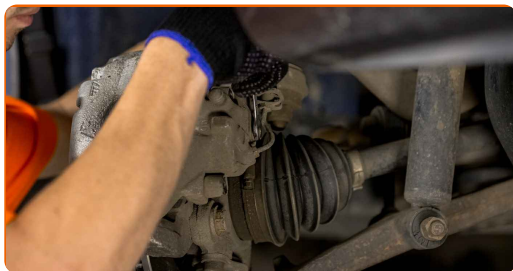


8 Remove the dust boot caps of the brake caliper guide pins. Use a flat screwdriver.



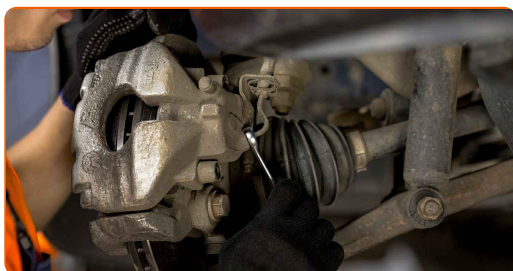
9

Disconnect the brake hose bracket from the brake caliper. Use a combination spanner #10.



10

Unscrew the fastener connecting the brake pipe to the brake caliper. Use a flare nut spanner #11.



Replacement: brake caliper – VW Transporter T4. Tip from AUTODOC experts:

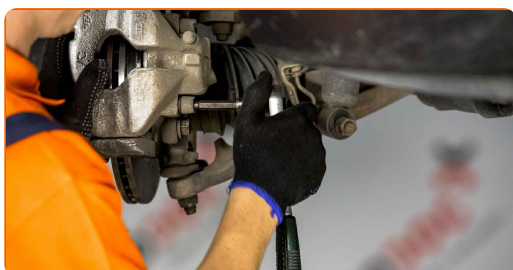
- Immediately plug the brake line open end to prevent fluid leakage and ingress of dirt into the hydraulic system.

11

Spread the brake pads. Use a flat screwdriver.

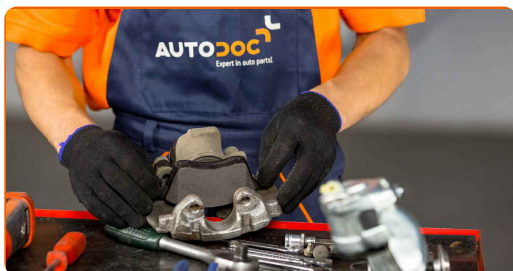
12

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



13

Remove the brake caliper.



Replacement: brake caliper – VW Transporter T4. Professionals recommend:

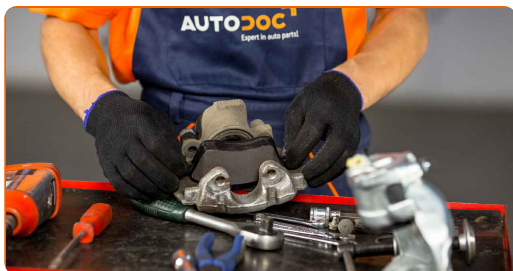
- When replacing the brake caliper, it is recommended to check the brake hose for damages and, if necessary, to replace it with a new one.
- When replacing a brake caliper it is recommended to replace brake pads, check the state of the brake discs and replace them with new ones if necessary.

14

Remove the guide pins from the brake caliper.

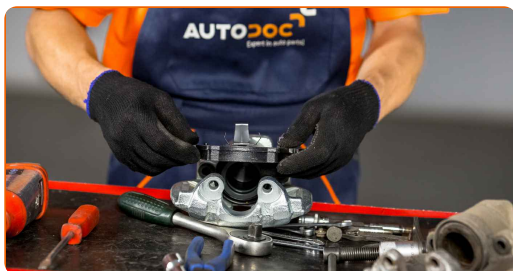
15

Remove the brake pads.

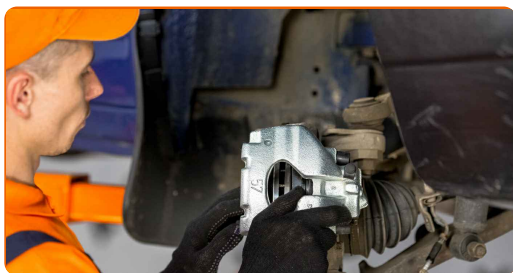


16

Install the brake pads.



17 Install the brake caliper and fix it.



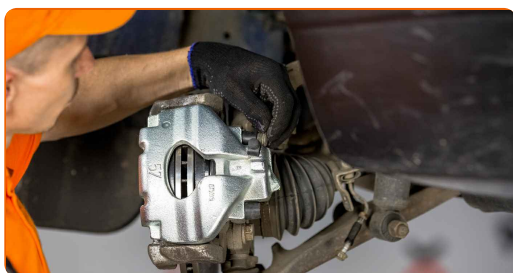
18 Screw in the guide pins. Use HEX No.H7. Use a torque wrench. Tighten it to 35 Nm torque.



Replacement: brake caliper – VW Transporter T4. Tip from AUTODOC:

- If no new guide pins were supplied in a kit with the new brake calipers, use the old pins.

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



20 Treat the brake pipe. Use a brake cleaner.

AUTODOC recommends:

- Replacement: brake caliper – VW Transporter T4. After applying the spray, wait a few minutes.

21

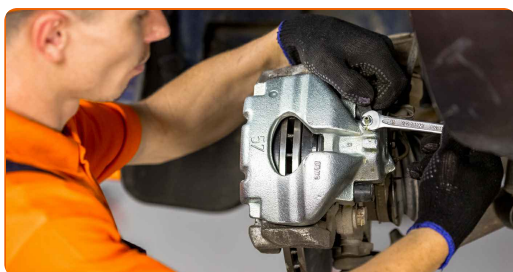
Screw in the fastener connecting the brake pipe to the brake caliper. Use a flare nut spanner #11.

22

Secure the brake hose fastening bracket. Use a combination spanner #10.

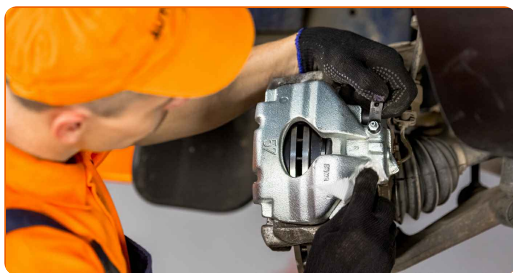
23

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



24

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



25

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



26

Install the brake caliper retaining spring. Use a flat screwdriver.

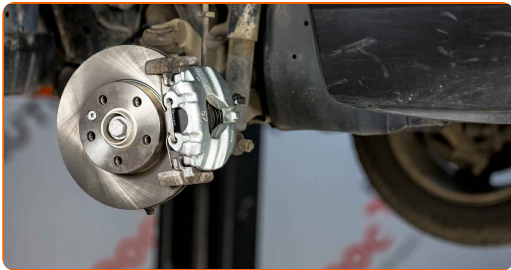


27

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

28

Clean the brake disk surface. Use a brake cleaner.

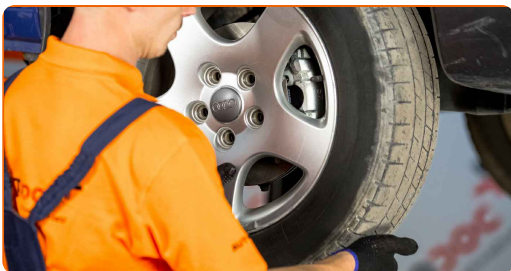


Replacement: brake caliper – VW Transporter T4. Tip from AUTODOC experts:

- After applying the spray, wait a few minutes.

29

Install the wheel.



AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts. VW Transporter T4

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



31 Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 160 Nm torque.

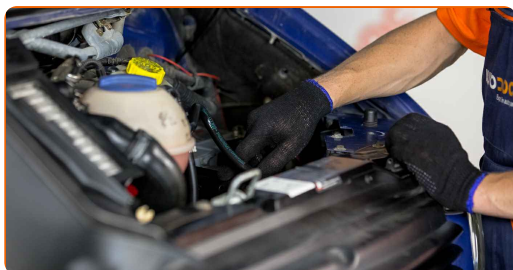


32 Remove the jacks and chocks.

AUTODOC recommends:

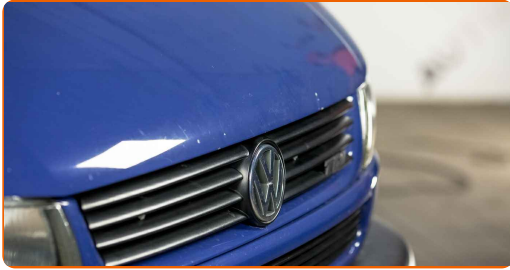
- Important! Replacement: brake caliper – VW Transporter T4. Check the brake fluid level in the reservoir and top up if necessary.

33 Tighten the brake fluid reservoir cap.



34

Close the hood.



WELL DONE! 

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