



How to change rear
brake caliper on **VW**
Transporter V Minibus
(7HB, 7HJ, 7EB, 7EJ, 7EF,
7EG, 7HF, 7EC) –
replacement guide

SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

ⓘ Important!

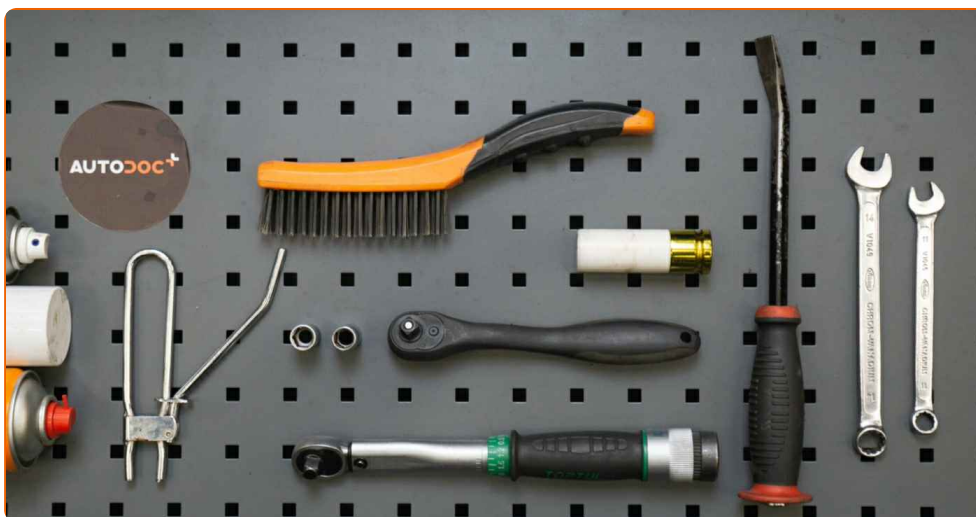
This replacement procedure can be used for:

VW Transporter V Minibus (7HB, 7HJ, 7EB, 7EJ, 7EF, 7EG, 7HF, 7EC) 1.9 TDI, VW Transporter V Minibus (7HB, 7HJ, 7EB, 7EJ, 7EF, 7EG, 7HF, 7EC) 2.5 TDI, VW Transporter V Minibus (7HB, 7HJ, 7EB, 7EJ, 7EF, 7EG, 7HF, 7EC) 2.0, VW Transporter V Minibus (7HB, 7HJ, 7EB, 7EJ, 7EF, 7EG, 7HF, 7EC) 3.2 V6, VW Transporter V Minibus (7HB, 7HJ, 7EB, 7EJ, 7EF, 7EG, 7HF, 7EC) 2.5 TDI 4motion

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 Transporter V Van (7HA, 7HH, 7EA, 7EH) 1.9 TDI

**REPLACEMENT: BRAKE CALIPER – VW TRANSPORTER
V MINIBUS (7HB, 7HJ, 7EB, 7EJ, 7EF, 7EG, 7HF, 7EC).
TOOLS YOU MIGHT NEED:**



- Wire brush
- Nylon cleaning brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Torque wrench
- Combination spanner #11
- Combination spanner #14
- Drive socket # 11
- Drive socket # 12
- Wheel impact socket #19
- Ratchet wrench
- Crow bar
- Water pump pliers
- Fluid container
- Brake bleeder kit
- Brake hose clip
- Wheel chock

Buy tools

Replacement: brake caliper – VW Transporter V Minibus (7HB, 7HJ, 7EB, 7EJ, 7EF, 7EG, 7HF, 7EC). 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 V MINIBUS (7HB, 7HJ, 7EB, 7EJ, 7EF, 7EG, 7HF, 7EC). 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.

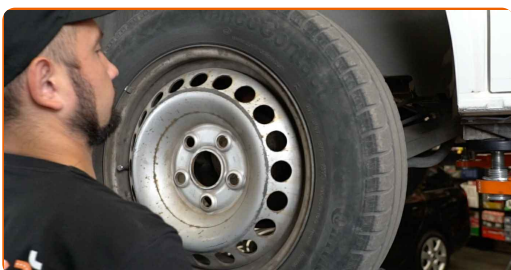


AUTODOC recommends:

- Important! Hold the wheel while unscrewing the fastening bolts. VW Transporter V Minibus (7HB, 7HJ, 7EB, 7EJ, 7EF, 7EG, 7HF, 7EC)

6

Remove the wheel.

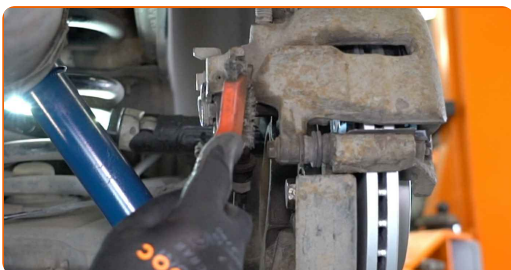


7

Put a container for gathering brake fluid beneath.

8

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.

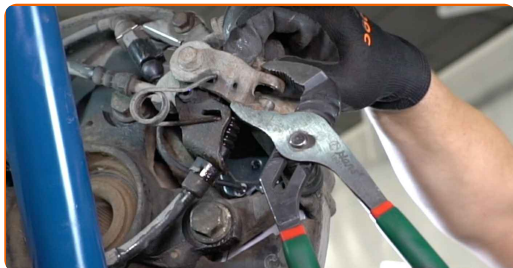


AUTODOC recommends:

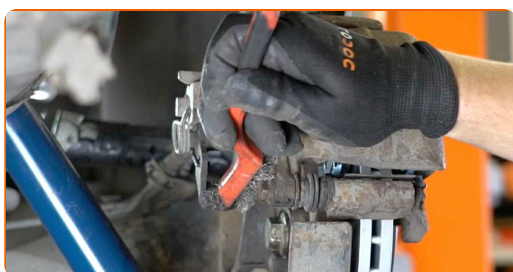
- Replacement: brake caliper – VW Transporter V Minibus (7HB, 7HJ, 7EB, 7EJ, 7EF, 7EG, 7HF, 7EC). After applying the spray, wait a few minutes.

9 Press the parking brake actuator lever on the brake caliper.

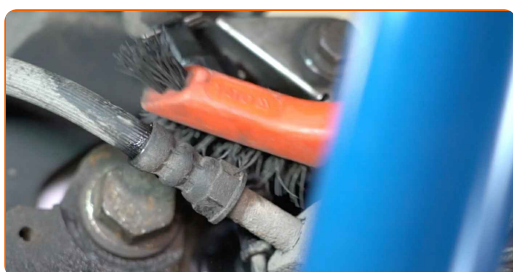
10 Release the parking brake cable. Use water pump pliers. Use a crowbar.



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



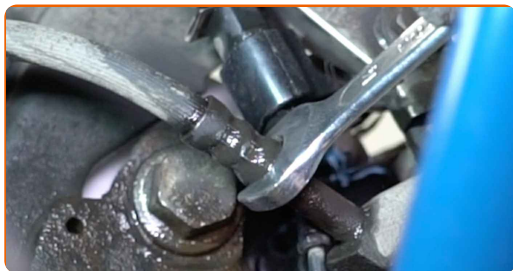
12 Clean the area where the brake hose is connected to the caliper, and the guide pins area. Use a nylon cleaning brush. Use a brake cleaner.



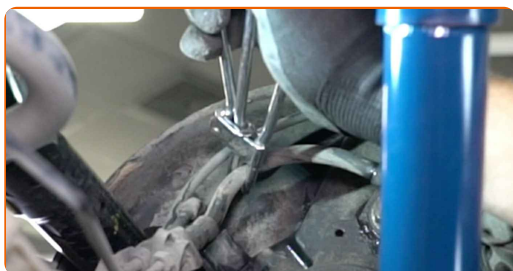
Replacement: brake caliper – VW Transporter V Minibus (7HB, 7HJ, 7EB, 7EJ, 7EF, 7EG, 7HF, 7EC). Tip from AUTODOC:

- After applying the spray, wait a few minutes.

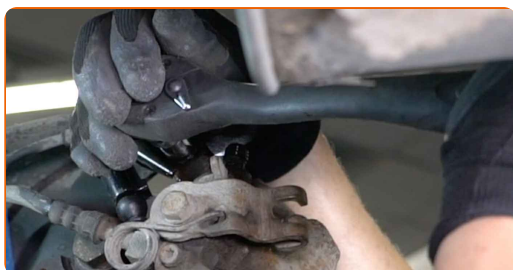
13 Loosen the brake hose fastening. Use a combination spanner #14.



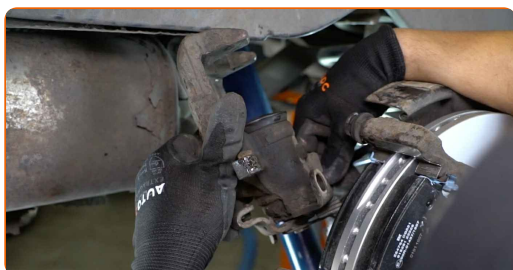
14 Clamp the brake hose off using a brake hose clamp.



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



16 Remove the brake caliper.

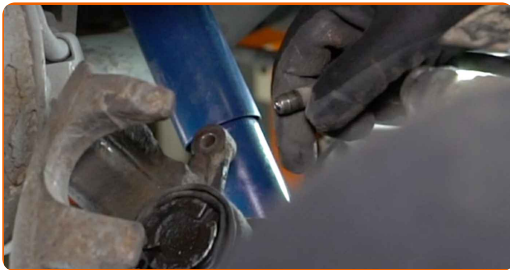


Replacement: brake caliper – VW Transporter V Minibus (7HB, 7HJ, 7EB, 7EJ, 7EF, 7EG, 7HF, 7EC). AUTODOC recommends:

- 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.

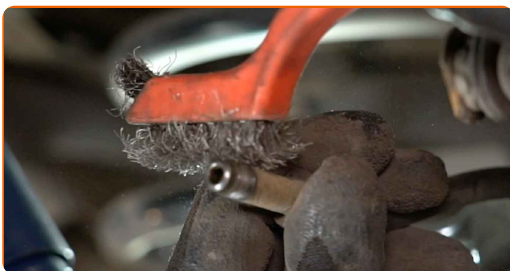
17

Unscrew the brake hose from the brake caliper.



18

Treat the brake hose. Use a wire brush. Use a brake cleaner.



AUTODOC recommends:

- Replacement: brake caliper – VW Transporter V Minibus (7HB, 7HJ, 7EB, 7EJ, 7EF, 7EG, 7HF, 7EC). After applying the spray, wait a few minutes.

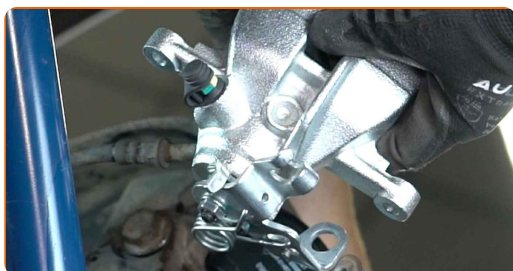
19 Clean the brake caliper surface. Use a brake cleaner.



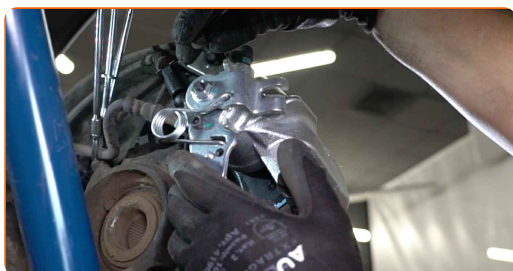
Replacement: brake caliper – VW Transporter V Minibus (7HB, 7HJ, 7EB, 7EJ, 7EF, 7EG, 7HF, 7EC). Tip from AUTODOC experts:

- After applying the spray, wait a few minutes.

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



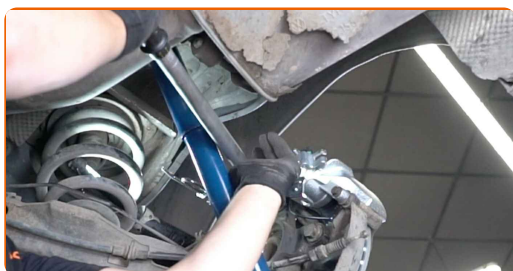
21 Install the brake caliper and fix it.



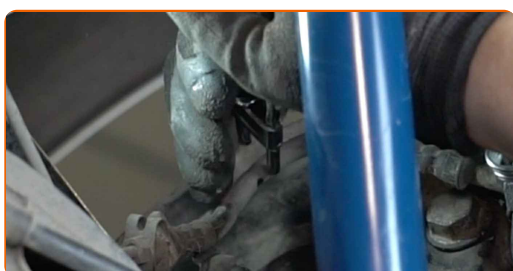
22 Tighten the brake caliper fasteners. Use a drive socket #12. Use a torque wrench. Tighten it to 35 Nm torque.



- 23 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.



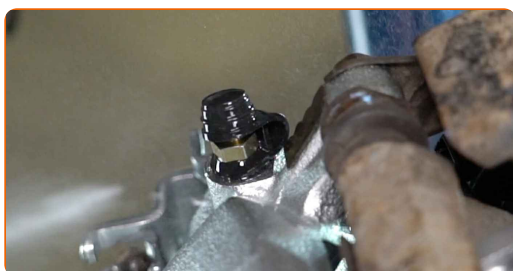
- 24 Remove the brake hose clamp.



- 25 Install the parking brake cable into the brake caliper bracket. Use water pump pliers. Use a crowbar.



- 26 Clean dirt from the brake hose bolt. Use a brake cleaner.

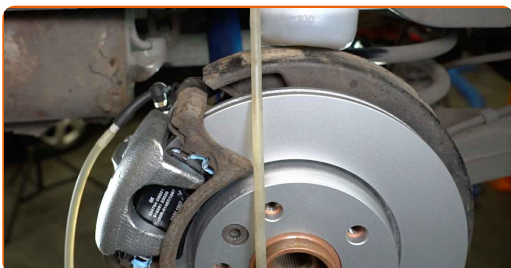


AUTODOC recommends:

- Replacement: brake caliper – VW Transporter V Minibus (7HB, 7HJ, 7EB, 7EJ, 7EF, 7EG, 7HF, 7EC). After applying the spray, wait a few minutes.

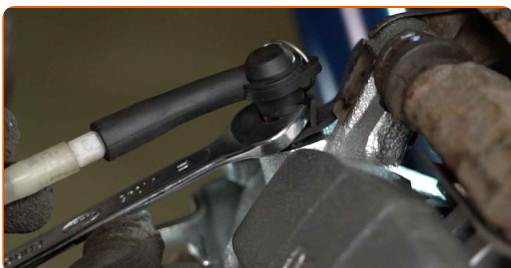
27

Connect the brake bleeder kit to the brake bleeder screw.



28

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



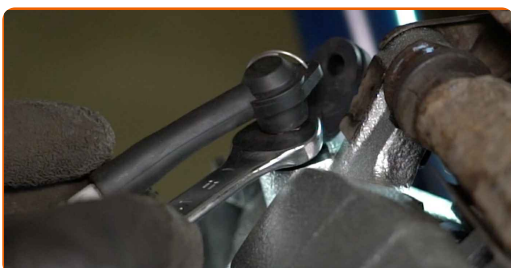
29

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



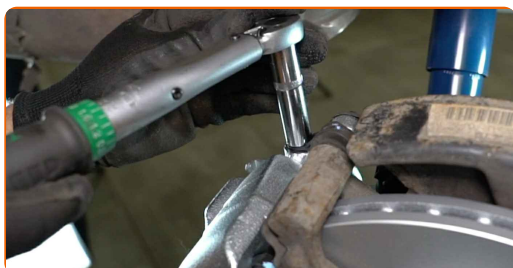
30

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

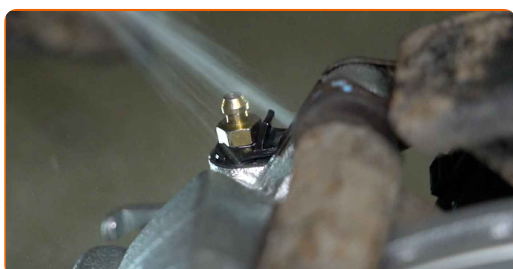


31 Disconnect the brake bleeder kit.

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



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



Replacement: brake caliper – VW Transporter V Minibus (7HB, 7HJ, 7EB, 7EJ, 7EF, 7EG, 7HF, 7EC). AUTODOC recommends:

- After applying the spray, wait a few minutes.

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



35

Clean the brake disk surface. Use a brake cleaner.

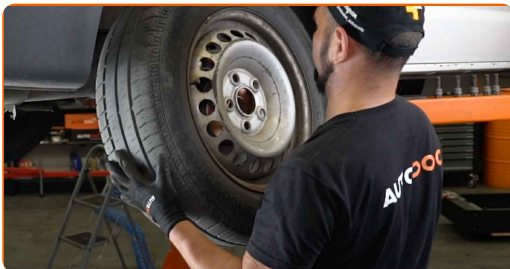


AUTODOC recommends:

- Replacement: brake caliper – VW Transporter V Minibus (7HB, 7HJ, 7EB, 7EJ, 7EF, 7EG, 7HF, 7EC). After applying the spray, wait a few minutes.

36

Install the wheel.



AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. VW Transporter V Minibus (7HB, 7HJ, 7EB, 7EJ, 7EF, 7EG, 7HF, 7EC)

37

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



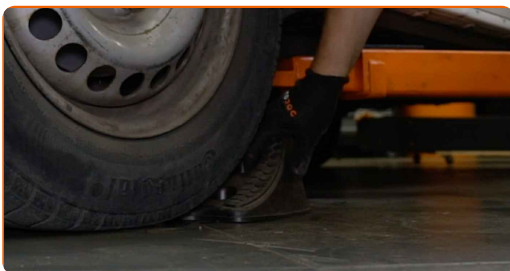
38

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 V Minibus (7HB, 7HJ, 7EB, 7EJ, 7EF, 7EG, 7HF, 7EC). Professionals 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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