AUTODOC CLUB

How to change front brake discs on **VW Transporter T4 Platform / Chassis (70E, 70L, 70M, 7DE, 7DL, 7D)** – replacement guide

SIMILAR VIDEO TUTORIAL

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

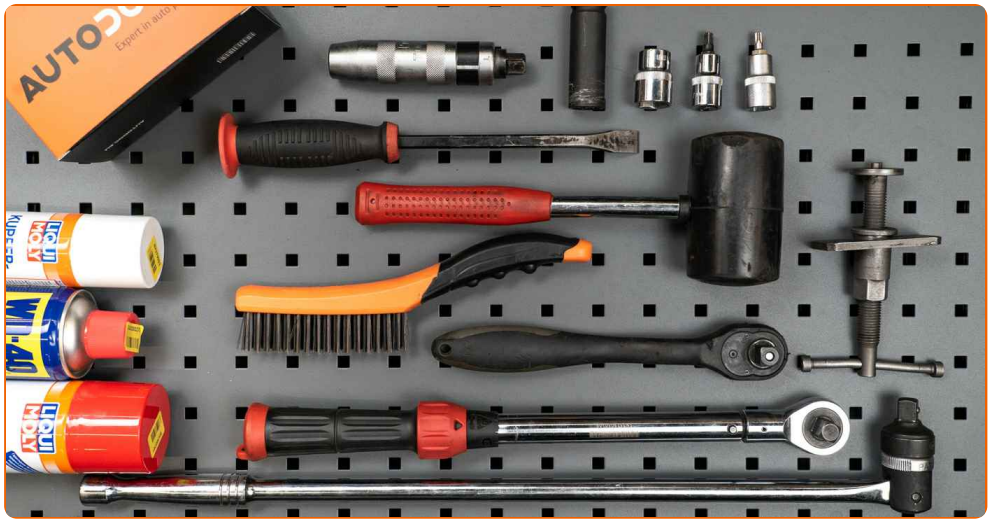
Important!

This replacement procedure can be used for:
VW Transporter T4 Platform / Chassis (70E, 70L, 70M, 7DE, 7DL, 7D) 1.9 TD, VW Transporter T4 Platform / Chassis (70E, 70L, 70M, 7DE, 7DL, 7D) 2.5, VW Transporter T4 Platform / Chassis (70E, 70L, 70M, 7DE, 7DL, 7D) 2.5 Syncro, VW Transporter T4 Platform / Chassis (70E, 70L, 70M, 7DE, 7DL, 7D) 2.5 TDI, VW Transporter T4 Platform / Chassis (70E, 70L, 70M, 7DE, 7DL, 7D) 2.4 D, VW Transporter T4 Platform / Chassis (70E, 70L, 70M, 7DE, 7DL, 7D) 2.5 TDI Syncro, VW Transporter T4 Platform / Chassis (70E, 70L, 70M, 7DE, 7DL, 7D) 2.8, VW Transporter T4 Platform / Chassis (70E, 70L, 70M, 7DE, 7DL, 7D) 2.8 VR6

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 T4 Minibus (70B, 70C, 7DB, 7DK, 70J, 70K, 7DC, 7DJ) 2.5 TDI

REPLACEMENT: BRAKE DISCS – VW TRANSPORTER T4 PLATFORM / CHASSIS (70E, 70L, 70M, 7DE, 7DL, 7D). TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Drive socket # 21
- HEX bit No.H6.
- HEX bit No.H7.
- Wheel impact socket #17
- Brake caliper wind back tool
- Ratchet wrench
- Torque wrench
- Tap wrench
- Rubber mallet
- Impact screwdriver
- Crow bar
- Wheel chock

Buy tools

Replacement: brake discs – VW Transporter T4 Platform / Chassis (70E, 70L, 70M, 7DE, 7DL, 7D). Tip from AUTODOC:

- Replace the brake disks on the car VW Transporter T4 Platform / Chassis (70E, 70L, 70M, 7DE, 7DL, 7D) in complete set for each axis. Regardless of the state of components. This will ensure even braking.
- The replacement procedure is identical for both brake disks on the same axle.
- When changing the brake discs, always replace the brake pads.
- Please note: all work on the car – VW Transporter T4 Platform / Chassis (70E, 70L, 70M, 7DE, 7DL, 7D) – 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.

Replacement: brake discs – VW Transporter T4 Platform / Chassis (70E, 70L, 70M, 7DE, 7DL, 7D). Tip:

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

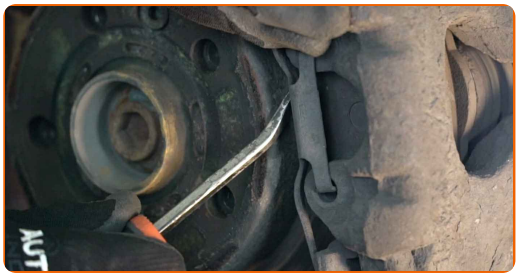
6 Remove the wheel.

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

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

9 Spread the brake pads. Use a crowbar.

10 Detach the brake caliper retaining spring. Use a crowbar.

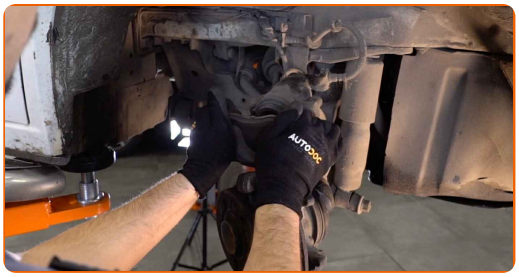


11 Remove the brake caliper.

AUTODOC recommends:

- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.

12 Remove the brake pads. Use a crowbar.



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

14 Unscrew the caliper bracket fastening. Use a drive socket #21. Use a tap wrench. Use a ratchet wrench.

15 Remove the caliper bracket.

16 Clean the brake disk surface. Use a wire brush. Use WD-40 spray.

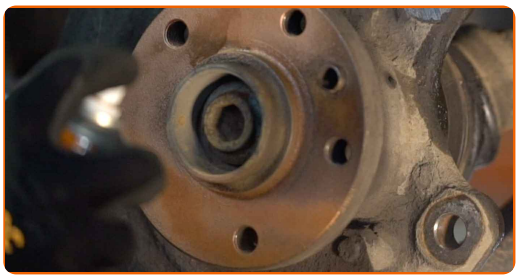
17 Unscrew the brake disc fastening. Use HEX No.H6. Use an impact screwdriver.

Replacement: brake discs – VW Transporter T4 Platform / Chassis (70E, 70L, 70M, 7DE, 7DL, 7D). AUTODOC recommends:

- If necessary, use a rubber mallet.

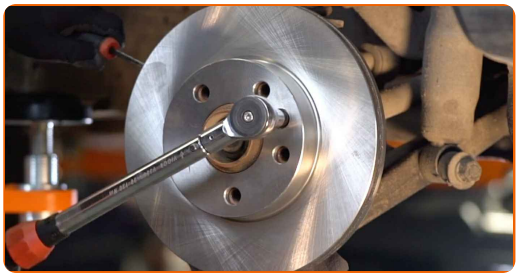
18 Remove the brake disc.

19 Clean the hub. Use a wire brush. Treat the contacting surface. Use copper grease.



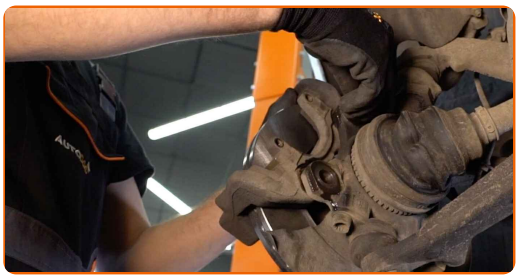
20 Install the brake disc.

21 Tighten the brake disc fastening. Use HEX No.H6. Use a torque wrench. Tighten it to 9 Nm torque.



22 Clean the mounting seats of the caliper and its bracket. Use a wire brush.

23 Install the brake caliper bracket.



24 Tighten the brake caliper bracket. Use a drive socket #21. Use a torque wrench. Tighten it to 180 Nm torque.

25 Treat the brake caliper piston. Use a brake cleaner.

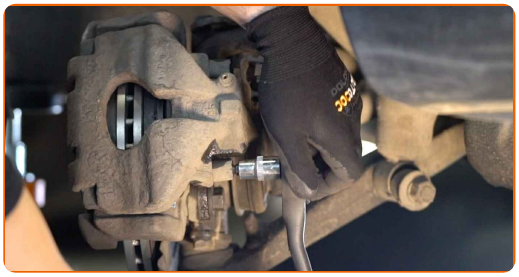
AUTODOC recommends:

- Replacement: brake discs – VW Transporter T4 Platform / Chassis (70E, 70L, 70M, 7DE, 7DL, 7D). After applying the spray, wait a few minutes.

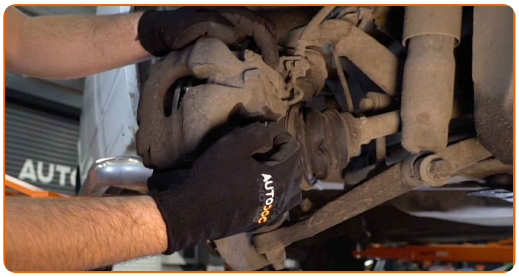
26 Press in the brake caliper piston. Use brake caliper wind back tool.

27 Install the brake pads.

28 Install the brake caliper and fix it. Use HEX No.H7. Use a torque wrench. Tighten it to 35 Nm torque.



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



30 Install the brake caliper retaining spring.

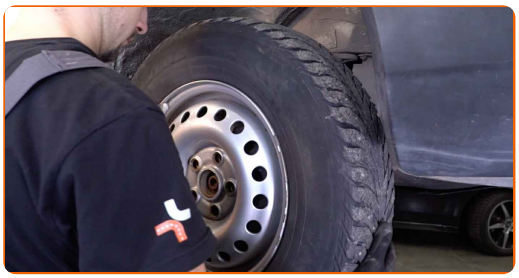
31 Clean the brake disk surface. Use a brake cleaner.

Replacement: brake discs – VW Transporter T4 Platform / Chassis (70E, 70L, 70M, 7DE, 7DL, 7D). AUTODOC experts recommend:

- After applying the spray, wait a few minutes.

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

33 Install the wheel.



AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. VW Transporter T4 Platform / Chassis (70E, 70L, 70M, 7DE, 7DL, 7D)

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

35 Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 170 Nm torque.

Replacement: brake discs – VW Transporter T4 Platform / Chassis (70E, 70L, 70M, 7DE, 7DL, 7D). Tip from AUTODOC experts:

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

36 Tighten the brake fluid reservoir cap.

37 Close the hood.

38 Remove the jacks and chocks.

AUTODOC recommends:

- VW Transporter T4 Platform / Chassis (70E, 70L, 70M, 7DE, 7DL, 7D) – Without starting the engine, press the brake pedal several times until it feels firm.

WELL DONE!

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