



How to change front
brake discs on **VW**
Touran 1T3 –
replacement guide

VIDEO TUTORIAL



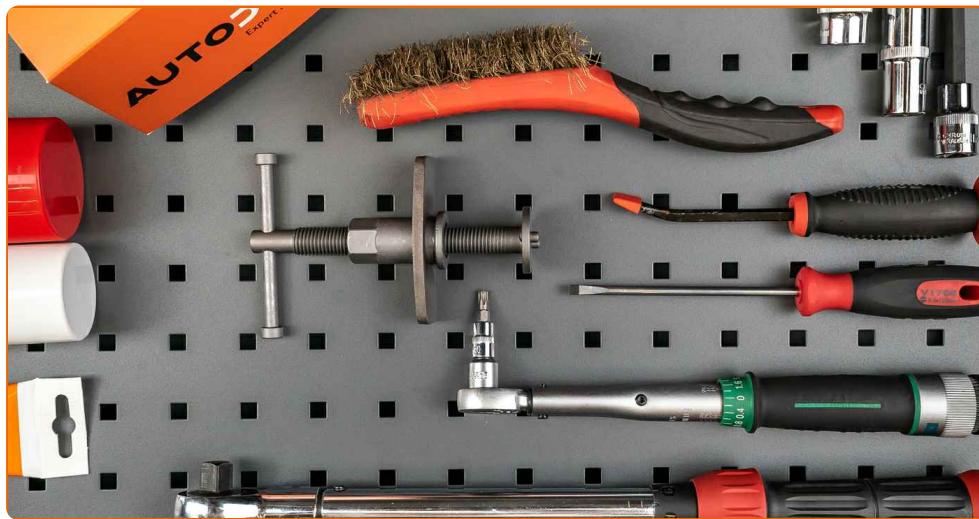
ⓘ Important!

This replacement procedure can be used for:

VW TOURAN (1T3) 1.2 TSI, VW Caddy III Van (2KA, 2KH, 2CA, 2CH) 1.9 TDI 4motion,
VW GOLF PLUS (5M1, 521) 1.6 BiFuel, VW GOLF VI (5K1) 1.6 MultiFuel, VW GOLF
PLUS (5M1, 521) 1.6 TDI, VW Jetta IV (162, 163, AV3, AV2) 2.0 TDI, VW GOLF PLUS
(5M1, 521) 1.2 TSI, VW Golf VI Convertible (517) 1.2 TSI, VW Golf VI Convertible (517)
1.4 TSI, VW Golf VI Convertible (517) 2.0 GTI, VW Golf VI Convertible (517) 1.6 TDI,
VW Golf VI Convertible (517) 2.0 TDI, VW TOURAN (1T3) 2.0 TDI, VW GOLF VI (5K1)
1.2 TSI, VW Jetta IV (162, 163, AV3, AV2) 2.0, (+ 167)

The steps may slightly vary depending on the car design.

REPLACEMENT: BRAKE DISCS – VW TOURAN 1T3. TOOLS YOU MIGHT NEED:



- Wire brush
- Brake cleaner
- Copper grease
- Drive socket # 21
- HEX bit No.H7.
- Torx bit T30
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Impact screwdriver
- Tap wrench
- Crow bar
- Wheel chock

[BUY TOOLS](#)

Replacement: brake discs – VW Touran 1T3. Tip from AUTODOC experts:

- Replace the brake disks on the car VW Touran 1T3 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.
- Warning! Shut down the engine before starting any work – VW Touran 1T3.

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.



AUTODOC recommends:

- Important! Hold the wheel while unscrewing the fastening bolts. VW Touran 1T3

6

Remove the wheel.



7

Detach the brake caliper retaining spring. Use a crowbar.



8

Spread the brake pads. Use a crowbar.



9

Disconnect the brake pad wear sensor plug. Remove the connector of the brake pad wear sensor.

Please note!

- Some cars are not equipped with the brake pad wear sensor.

10

Remove the dust boot caps of the brake caliper guide pins.



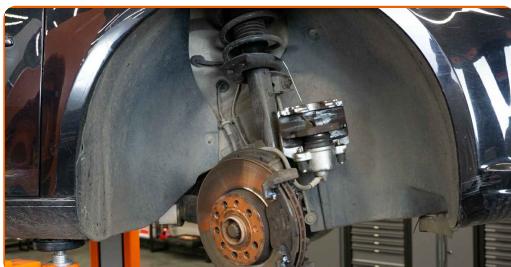
11

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



12

Remove the brake caliper.



Replacement: brake discs – VW Touran 1T3. 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.

13

Remove the brake pads.



14

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

**15**

Remove the caliper bracket.

**16**

Unscrew the brake disc fastening. Use Torx T30. Use an impact screwdriver.

**17**

Remove the brake disc.



18

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

**19**

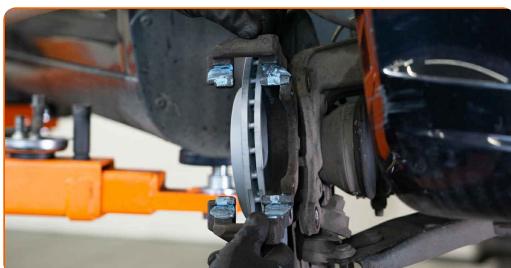
Install the brake disc.

**20**

Tighten the brake disc fastening. Use Torx T30. Use a torque wrench. Tighten it to 4 Nm torque.

**21**

Install the brake caliper bracket.



22

Tighten the brake caliper bracket. Important! Be sure to use new fasteners. Use a drive socket #21. Use a torque wrench. Tighten it to 160 Nm torque.

**23**

Install the brake pads.

**24.1**

Install the brake caliper and fix it.

**24.2**

Use HEX No.H7. Use a torque wrench. Tighten it to 30 Nm torque.



Replacement: brake discs – VW Touran 1T3. AUTODOC experts recommend:

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

25

Connect the brake pad wear sensor plug.

26

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

**27**

Install the brake caliper retaining spring.

**28**

Clean the brake disk surface. Use a brake cleaner.

AUTODOC recommends:

- Replacement: brake discs – VW Touran 1T3. After applying the spray, wait a few minutes.

29

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



30

Install the wheel.



Replacement: brake discs – VW Touran 1T3. Tip from AUTODOC:

- To avoid injury, hold up the wheel when screwing in the fastening bolts.

31

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

**32**

Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 120 Nm torque.

**33**

Remove the jacks and chocks.



AUTODOC recommends:

- Important! Replacement: brake discs – VW Touran 1T3. Check the brake fluid level in the reservoir and top up if necessary.

34

Tighten the brake fluid reservoir cap. Close the hood.



WELL DONE! 

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