VIDEO TUTORIAL

ⓘ Important!

This replacement procedure can be used for:
VW JETTA III (1K2) 2.0 TDI, VW TOURAN (1T1, 1T2) 2.0 TDI

The steps may slightly vary depending on the car design.

REQUIRED TOOLS:

- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #11
- Combination spanner #13
- Combination spanner #15
- Drive socket # 11
- Drive socket # 13
- HEX bit no.H7.
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Fluid container
- Brake bleeder kit
- Brake hose clip
- Crow bar
- Rubber mallet
- Water pump pliers
- Wheel chock

AUTODOC recommends:

- 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.

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 rear of the car and secure on supports.

5

Unscrew the wheel bolts.

AUTODOC recommends:

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

6

Remove the wheel.

7

Clean the area where the brake hose is connected to the caliper, and the guide pins area. Use a wire brush. Use WD-40 spray.

8

Loosen the fastener connecting the brake pipe to the brake hose. Use a combination spanner #11.

9

Loosen the fastener connecting the brake pipe to the brake caliper. Use a combination spanner #11.

10

Clamp the brake hose off using a brake hose clamp.

11

Put a container for gathering brake fluid beneath.

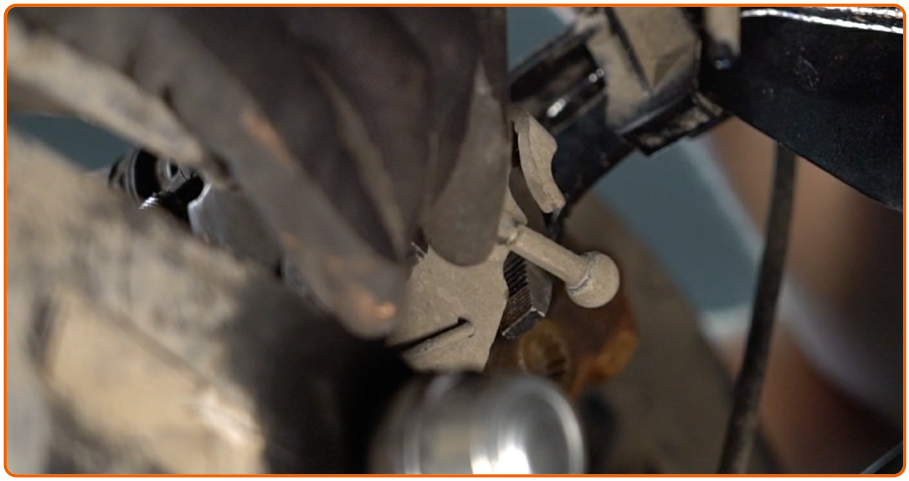
12

Unscrew the fastener connecting the brake pipe to the brake hose. Use a combination spanner #11.

13

Remove the brake hose retaining clip. Use a crowbar.

14



Remove the retaining clip of the parking brake cable. Use a crowbar.

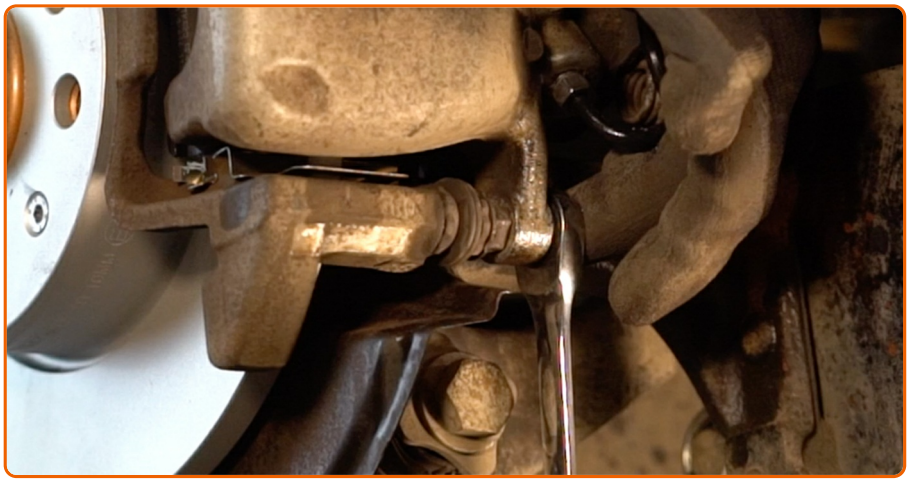
15

Press the parking brake actuator lever on the brake caliper.

16

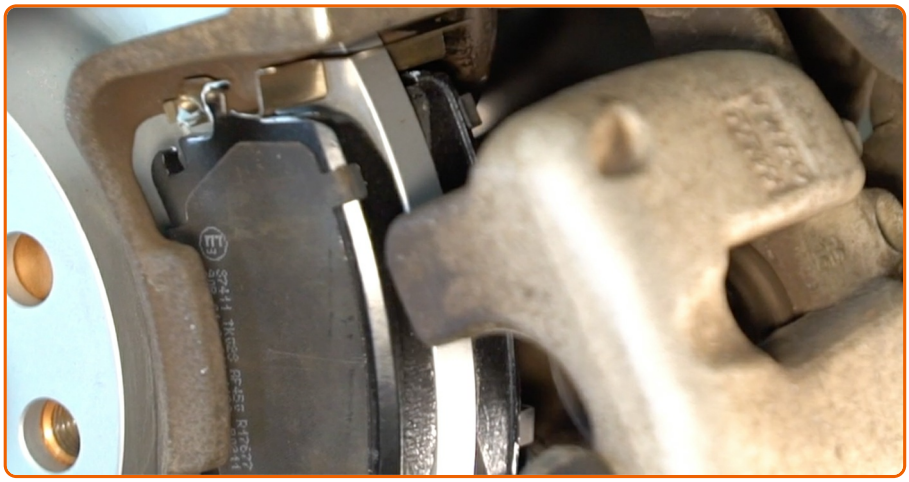
Disconnect the parking brake cable from the caliper. Use water pump pliers.

17



Unscrew the brake caliper fastening. Use a combination spanner #13.

18



Remove the brake caliper.

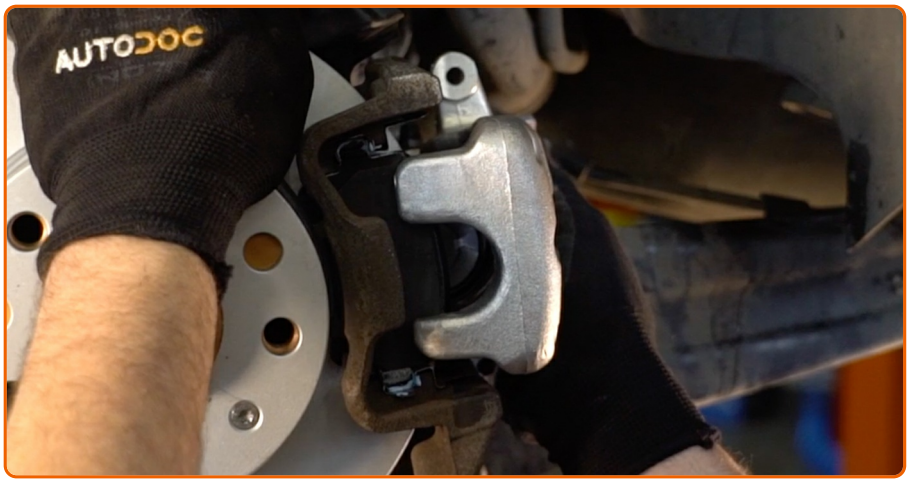
AUTODOC recommends:

- 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.

19

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

20



Install the brake caliper and fix it.

21

Tighten the brake caliper fasteners. Use a combination spanner #15. Use a drive socket #13. Use a torque wrench. Tighten it to 35 Nm torque.

22

Install the parking brake cable into the brake caliper bracket. Use water pump pliers.

23

Secure the parking brake cable with the retaining clip.

24

Unscrew the brake hose plug. Use HEX No.H7. Use a ratchet wrench.

25

Treat the brake pipe. Use a brake cleaner.

AUTODOC recommends:

- After applying the spray, wait a few minutes.

26

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

27

Treat the brake hose. Treat the brake pipe. Use a brake cleaner.

AUTODOC recommends:

- After applying the spray, wait a few minutes.

28

Screw in the fastener connecting the brake pipe to the brake hose. Use a combination spanner #11.

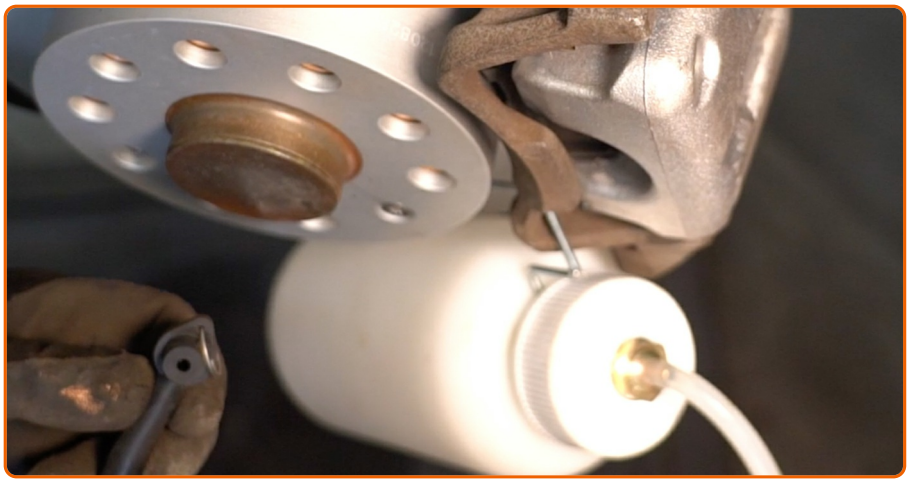
29

Install the brake hose retaining clip. Use a rubber mallet.

30

Remove the brake hose clamp.

31



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

32

Connect the brake bleeder kit to the brake bleeder screw.

33

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

34

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

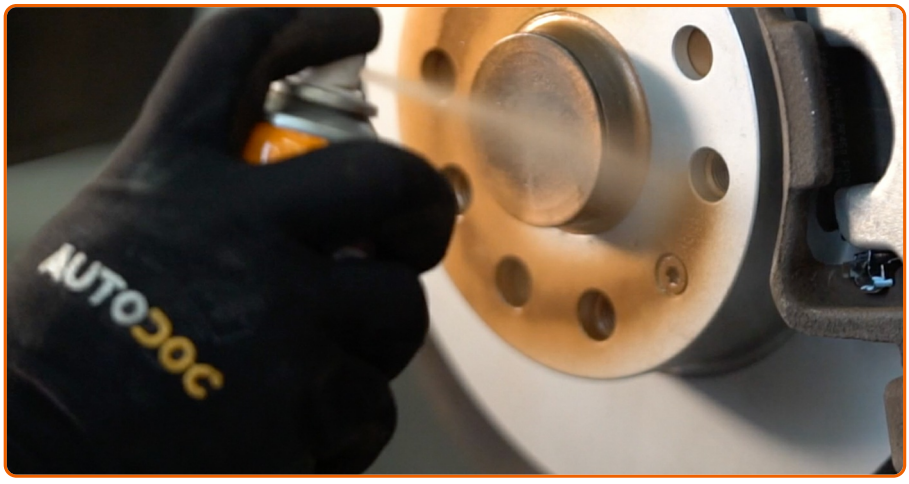
35

Disconnect the brake bleeder kit.

36

Tighten the brake caliper bleed screw. Use a drive socket #11. Use a torque wrench. Tighten it to 25 Nm torque.

37



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

38

Clean the brake disk surface. Use a brake cleaner.

AUTODOC recommends:

- After applying the spray, wait a few minutes.

39

Install the wheel.

AUTODOC recommends:

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

40

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

41

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

42

Remove the jacks and chocks.

AUTODOC recommends:

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

43

Tighten the brake fluid reservoir cap.

44

Close the hood.

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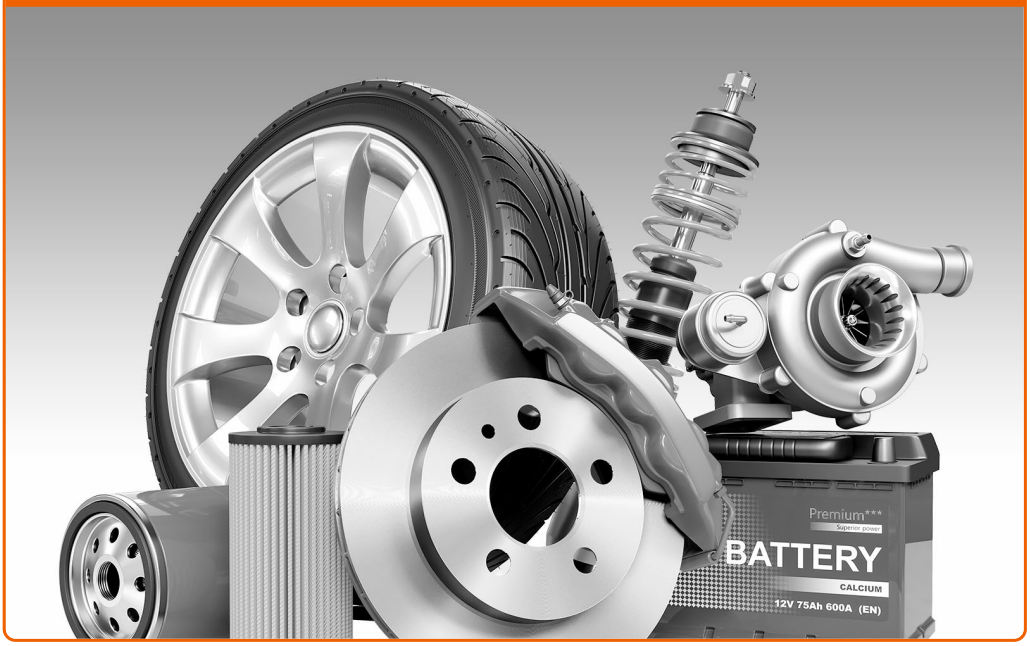

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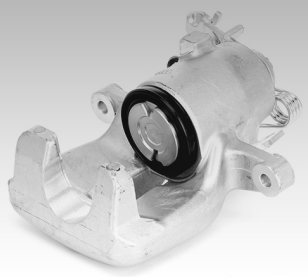

BRAKE CALIPERS FOR VW TOURAN 1T1 1T2: THE BEST DEALS & OFFERS

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