



How to change rear  
brake caliper on **VW**  
**Passat (A32, A33)** –  
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 Passat (A32, A33) 2.5

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 TOURAN (1T1, 1T2) 2.0 TDI

**REPLACEMENT: BRAKE CALIPER – VW PASSAT (A32, A33). TOOLS YOU'LL NEED:**



- 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

**Buy tools**

Replacement: brake caliper – VW Passat (A32, A33). Professionals 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 PASSAT (A32, A33). 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 rear of the car and secure on supports.

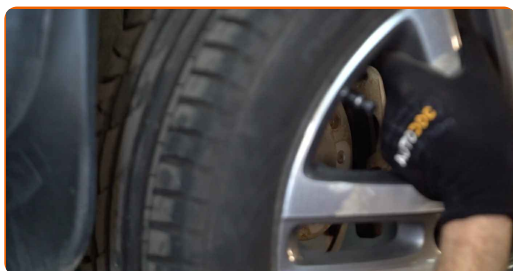
**5** Unscrew the wheel bolts.



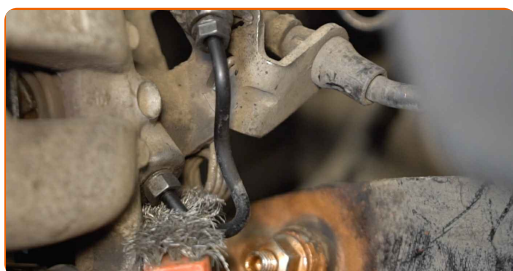
Replacement: brake caliper – VW Passat (A32, A33). AUTODOC recommends:

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

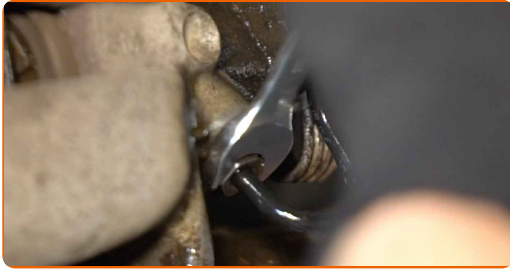
**6** Remove the wheel.



**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.



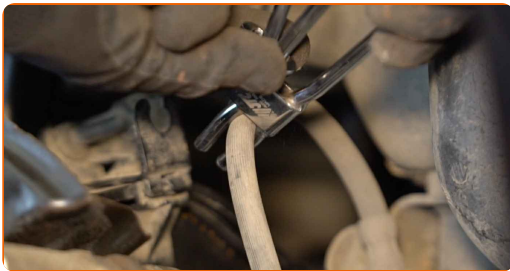
**8** Loosen the fastener connecting the brake pipe to the brake hose. Use a combination spanner #11.



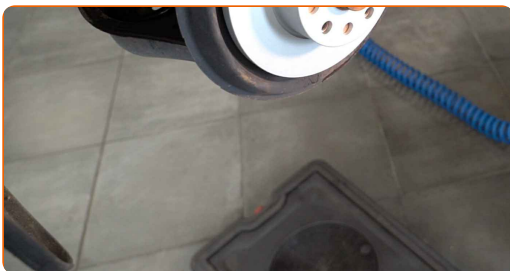
**9** Loosen the fastener connecting the brake pipe to the brake caliper. Use a combination spanner #11.



**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.

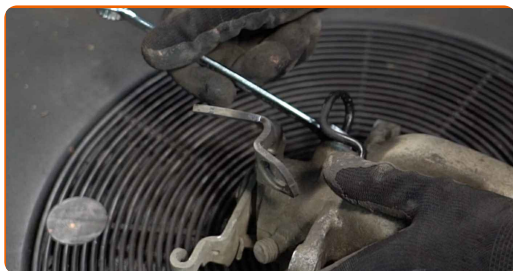


Replacement: brake caliper – VW Passat (A32, A33). AUTODOC experts recommend:

- 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.
- 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.



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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.



Replacement: brake caliper – VW Passat (A32, A33). Tip:

- 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.



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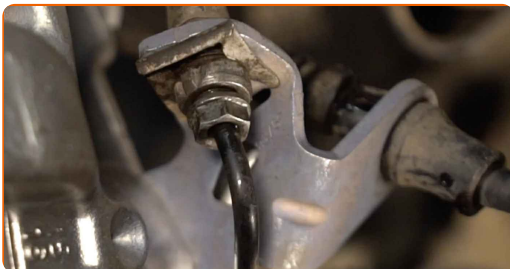
Treat the brake hose. Treat the brake pipe. Use a brake cleaner.

AUTODOC recommends:

- Replacement: brake caliper – VW Passat (A32, A33). After applying the spray, wait a few minutes.

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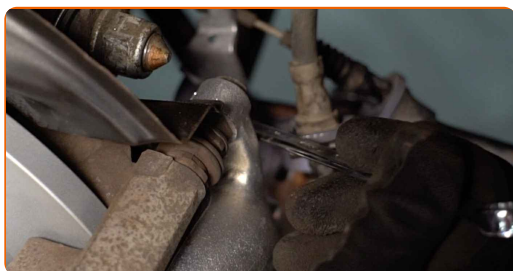
Screw in the fastener connecting the brake pipe to the brake hose. Use a combination spanner #11.



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



**30** Remove the brake hose clamp.

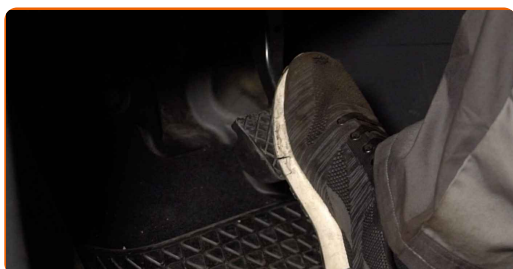


**31** Undo the brake bleeder screw. Use a combination spanner #11.



**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.



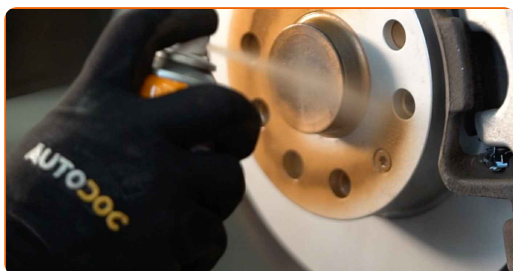
**34** Tighten the brake bleeder screw. Use a combination spanner #11.



**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 10 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.



Replacement: brake caliper – VW Passat (A32, A33). Tip from AUTODOC:

- After applying the spray, wait a few minutes.

**39** Install the wheel.



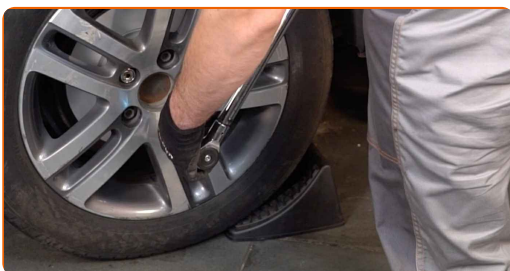
**AUTODOC recommends:**

- Important! Hold the wheel while screwing in the fastening bolts. VW Passat (A32, A33)

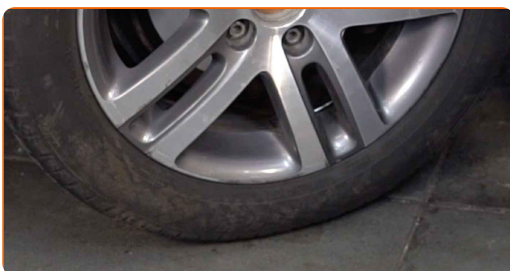
**40** Screw in the wheel bolts. Use wheel impact socket #17.



**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.

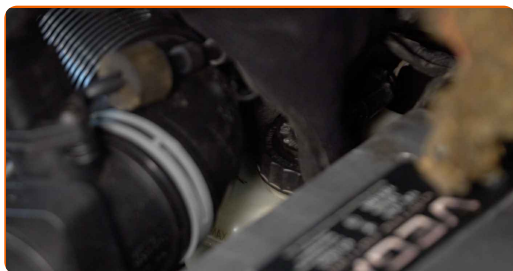


## AUTODOC recommends:

- Important! Replacement: brake caliper – VW Passat (A32, A33). Check the brake fluid level in the reservoir and top up if necessary.

43

Tighten the brake fluid reservoir cap.



44

Close the hood.

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