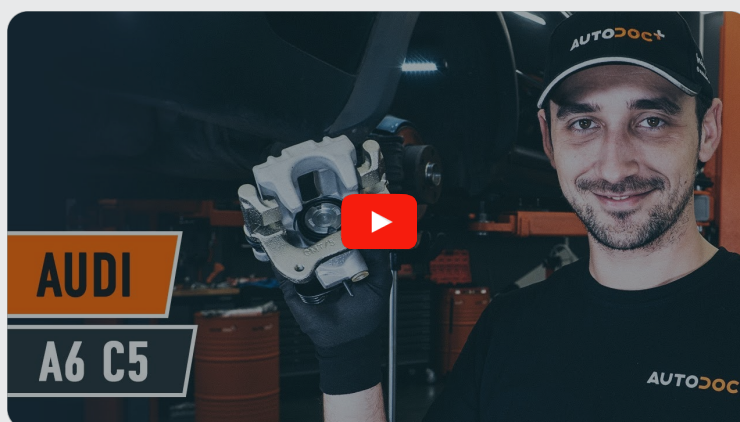




How to change rear  
brake caliper on **VW**  
**PASSAT Variant (3B5)** –  
replacement guide

### SIMILAR VIDEO TUTORIAL



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

#### **i Important!**

This replacement procedure can be used for:

VW PASSAT Variant (3B5) 1.6, VW PASSAT Variant (3B5) 1.8, VW PASSAT Variant (3B5) 1.8 T, VW PASSAT Variant (3B5) 2.3 VR5, VW PASSAT Variant (3B5) 2.8 V6, VW PASSAT Variant (3B5) 1.9 TDI, VW PASSAT Variant (3B5) 2.5 TDI, VW PASSAT Variant (3B5) 2.0

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: AUDI A6 Avant (4B5, C5) 2.4

**REPLACEMENT: BRAKE CALIPER – VW PASSAT  
VARIANT (3B5). TOOLS YOU NEED:**



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Torque wrench
- Combination spanner #10
- Combination spanner #13
- Combination spanner #15
- Drive socket # 10
- Drive socket # 13
- Wheel impact socket #17
- Ratchet wrench
- Brake hose clip
- Water pump pliers
- Round-nose pliers
- Brake bleeder kit
- Crow bar
- Wheel chock

**Buy tools**

Replacement: brake caliper – VW PASSAT Variant (3B5). 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 PASSAT VARIANT (3B5). TAKE THE FOLLOWING STEPS:

**1** Open the bonnet. Unscrew the brake fluid reservoir cap.

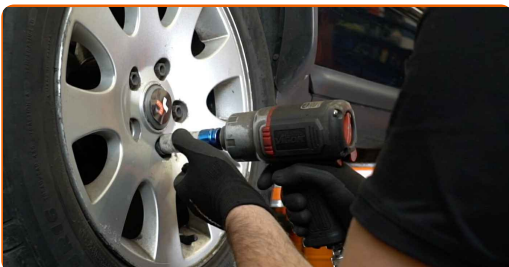
**2** Secure the wheels with chocks.

**3** Loosen the wheel mounting bolts. Use wheel impact socket #17.



**4** Raise the rear of the car and secure on supports.

**5** Unscrew the wheel bolts.



**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts. VW PASSAT Variant (3B5)

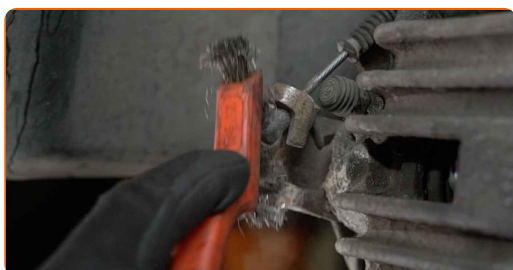
**6**

Remove the wheel.



**7**

Clean the fastener of the parking brake cable. Use a wire brush. Use a brake cleaner.

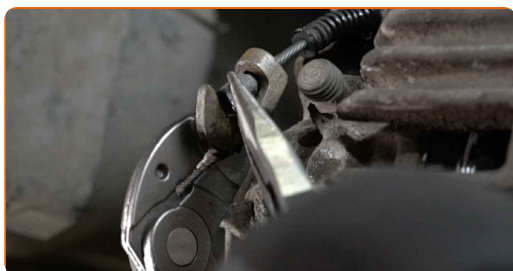


**AUTODOC recommends:**

- Replacement: brake caliper – VW PASSAT Variant (3B5). After applying the spray, wait a few minutes.

**8**

Release the parking brake cable. Use water pump pliers. Use round-nose pliers.



- 9 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.



**Replacement: brake caliper – VW PASSAT Variant (3B5). Tip:**

- After applying the spray, wait a few minutes.

- 10 Clamp the brake hose off using a brake hose clamp.



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

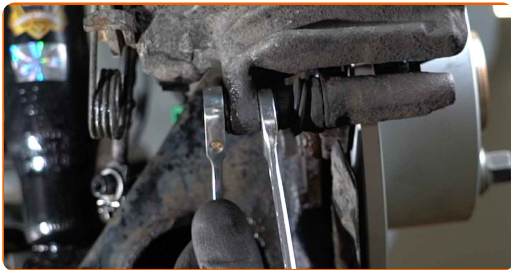


- 12 Clean the brake caliper fasteners. Use a wire brush. Use WD-40 spray.



**13**

Unscrew the brake caliper fastening. Use a combination spanner #13. Use a combination spanner #15. Use a drive socket #13. Use a ratchet wrench.



**14**

Remove the brake caliper.



**Replacement: brake caliper – VW PASSAT Variant (3B5). Tip from AUTODOC:**

- 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.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

**15** Remove the brake pads. Use a crowbar.



**16** Install the brake pads.



**17** Install the brake caliper and fix it. Use a combination spanner #13. Use a combination spanner #15. Use a torque wrench. Tighten it to 35 Nm torque.



**18** Treat the brake hose. Use a brake cleaner.

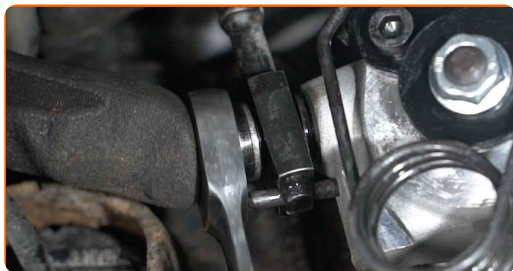


**AUTODOC recommends:**

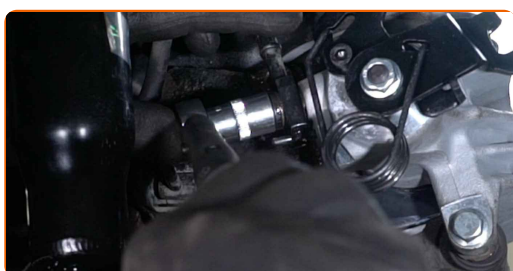
- Replacement: brake caliper – VW PASSAT Variant (3B5). After applying the spray, wait a few minutes.



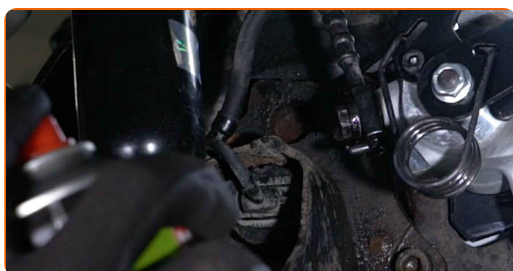
**19** Install and fix the brake hose into a new caliper. Use a combination spanner #13.



**20** Tighten the fastener connecting the brake pipe to the brake caliper. Use a drive socket #13. Use a torque wrench. Tighten it to 40 Nm torque.



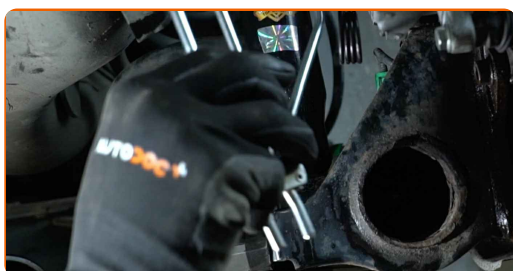
**21** Treat the brake hose. Use a brake cleaner.



Replacement: brake caliper – VW PASSAT Variant (3B5). Professionals recommend:

- After applying the spray, wait a few minutes.

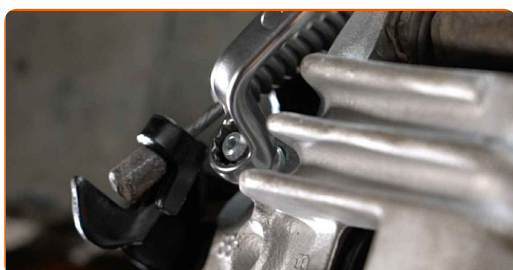
**22** Remove the brake hose clamp.



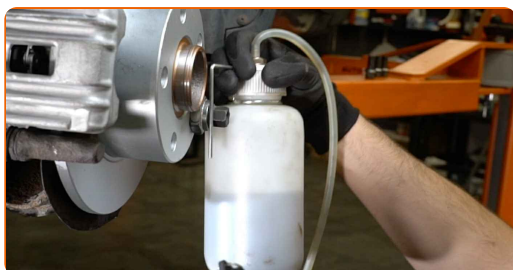
**23** Install the parking brake cable into the brake caliper bracket. Use water pump pliers. Use round-nose pliers.



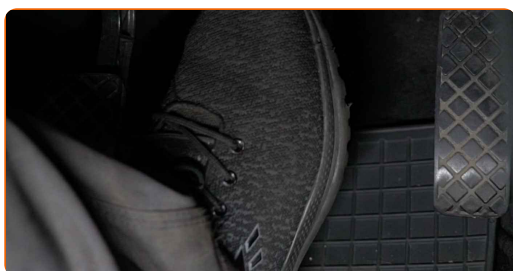
**24** Undo the brake bleeder screw. Use a combination spanner #10.



**25** Connect the brake bleeder kit to the brake bleeder screw.



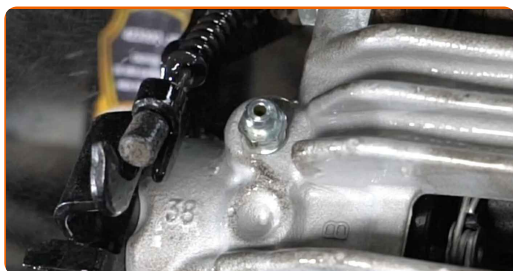
**26** Bleed the brake caliper system. Without starting the engine, press the brake pedal several times until you feel significant resistance.



**27** Tighten the brake bleeder screw. Use a combination spanner #10.

**28** Disconnect the brake bleeder kit.

**29** Clean dirt from the brake hose bolt. Use a brake cleaner.



**AUTODOC recommends:**

- After applying the spray, wait a few minutes.

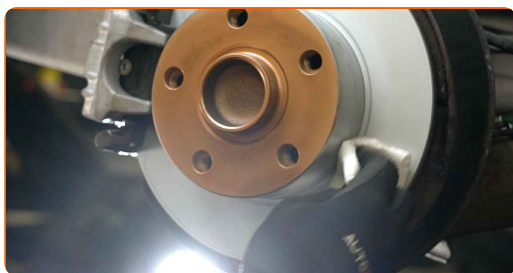
**30** Tighten the brake caliper bleed screw. Use a drive socket #10. Use a torque wrench. Tighten it to 7 Nm torque.



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



**32** Clean the brake disk surface. Use a brake cleaner.



Replacement: brake caliper – VW PASSAT Variant (3B5). AUTODOC recommends:

- After applying the spray, wait a few minutes.

33

Install the wheel.

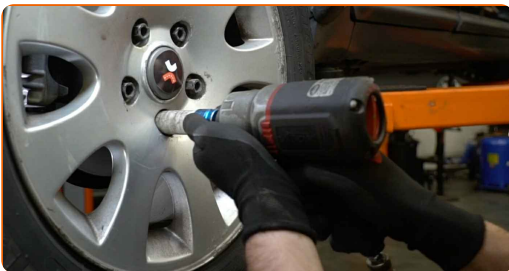


AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. VW PASSAT Variant (3B5)

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 wheel impact socket #17. Use a torque wrench. Tighten it to 120 Nm torque.



36

Remove the jacks and chocks.



Replacement: brake caliper – VW PASSAT Variant (3B5). Tip:

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

37

Tighten the brake fluid reservoir cap. Close the hood.



**WELL DONE!** 

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**BRAKE CALIPER: A WIDE SELECTION**

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