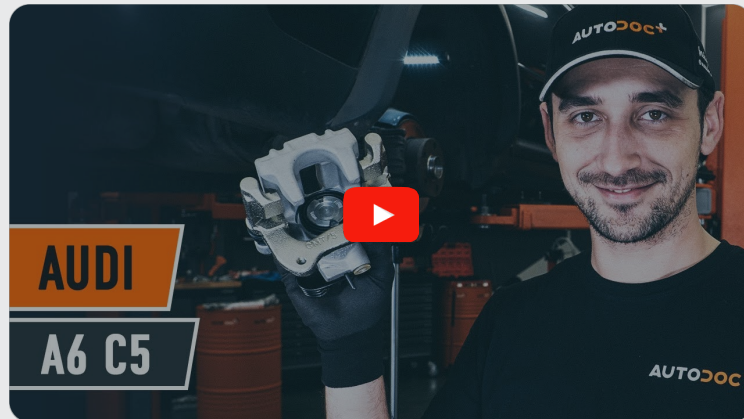




How to change rear
brake caliper on **AUDI A4**
Avant (8D5, B5) –
replacement guide

SIMILAR VIDEO TUTORIAL



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

i Important!

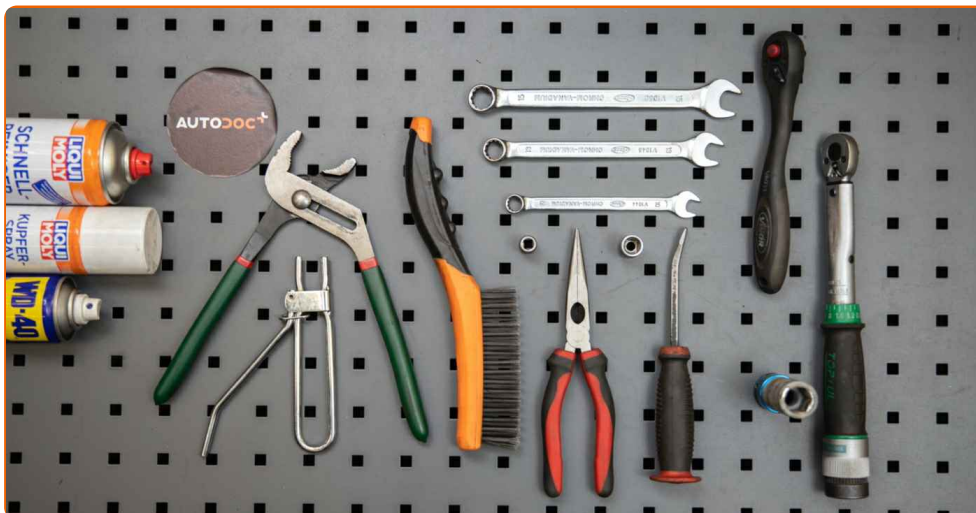
This replacement procedure can be used for:

AUDI A4 Avant (8D5, B5) 1.6, AUDI A4 Avant (8D5, B5) 1.8, AUDI A4 Avant (8D5, B5) 1.8 T, AUDI A4 Avant (8D5, B5) 2.6, AUDI A4 Avant (8D5, B5) 2.8, AUDI A4 Avant (8D5, B5) 1.9 TDI, AUDI A4 Avant (8D5, B5) 2.4, AUDI A4 Avant (8D5, B5) 2.5 TDI, AUDI A4 Avant (8D5, B5) 1.9 DUO

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 – AUDI A4 AVANT (8D5, B5). 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 – AUDI A4 Avant (8D5, B5). 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 – AUDI A4 AVANT (8D5, B5). TAKE THE FOLLOWING STEPS:

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

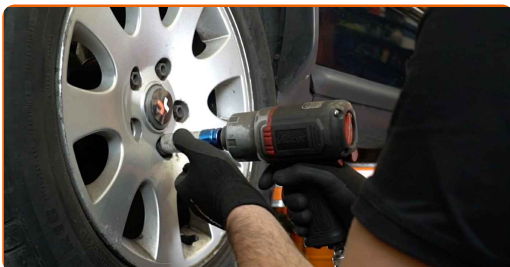
2 Secure the wheels with chocks.

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.
AUDI A4 Avant (8D5, B5)

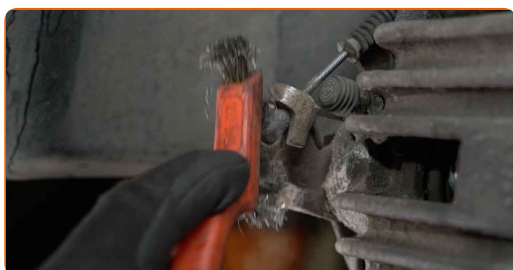
6

Remove the wheel.



7

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

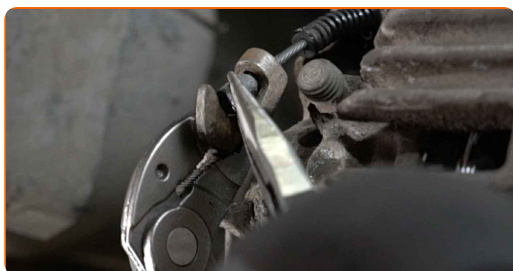


AUTODOC recommends:

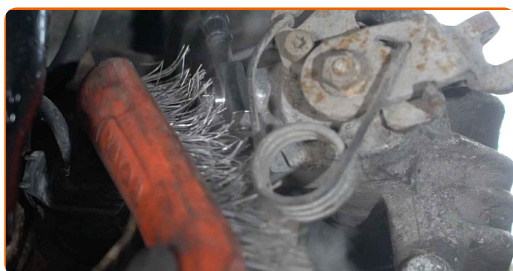
- Replacement: brake caliper – AUDI A4 Avant (8D5, B5). After applying the spray, wait a few minutes.

8

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



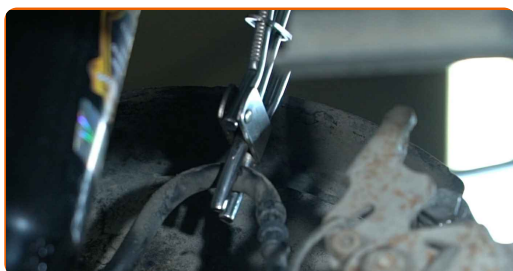
- 9** Clean the area where the brake hose is connected to the caliper, and the guide pins area. Use a wire brush. Use a brake cleaner.



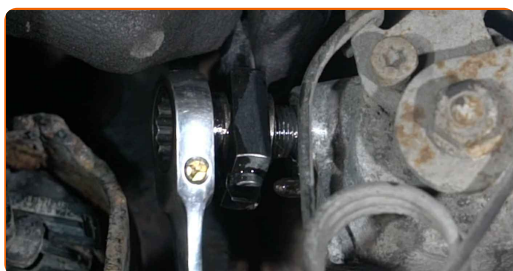
Replacement: brake caliper – AUDI A4 Avant (8D5, B5). Tip:

- After applying the spray, wait a few minutes.

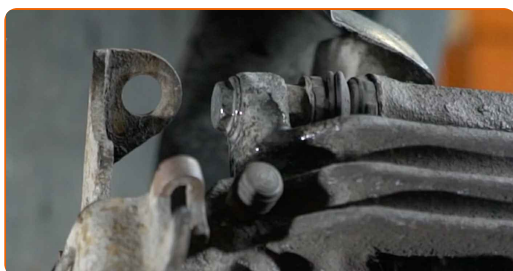
- 10** Clamp the brake hose off using a brake hose clamp.



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

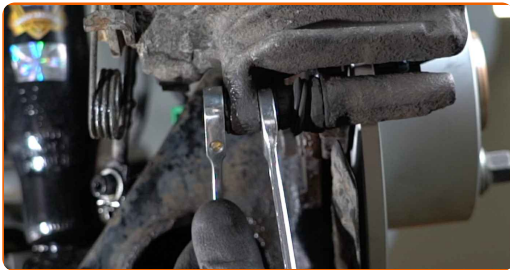


- 12** Clean the brake caliper fasteners. Use a wire brush. Use WD-40 spray.



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

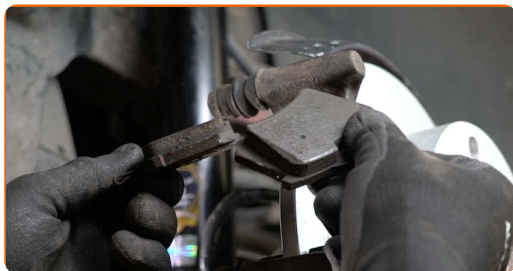
Remove the brake caliper.



Replacement: brake caliper – AUDI A4 Avant (8D5, B5). 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.



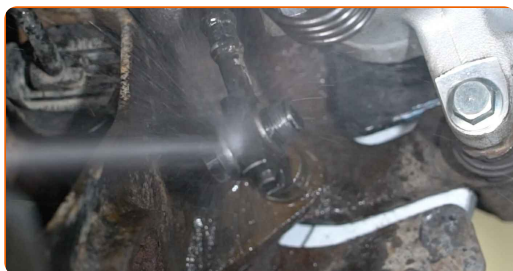
16 Install the brake pads.



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.



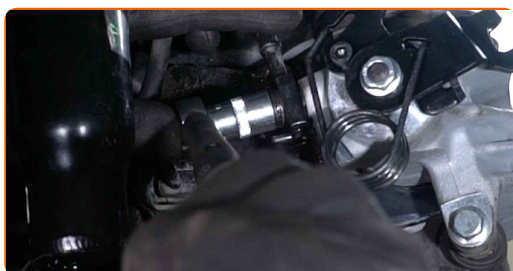
AUTODOC recommends:

- Replacement: brake caliper – AUDI A4 Avant (8D5, B5). After applying the spray, wait a few minutes.

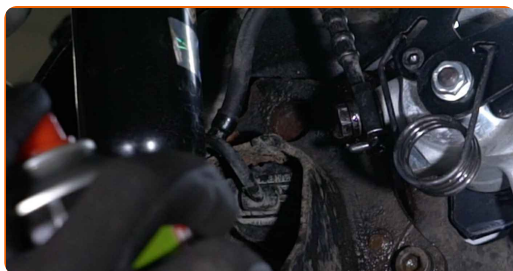
19 Install and fix the brake hose into a new caliper. Use a combination spanner #13.



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 – AUDI A4 Avant (8D5, B5). Professionals recommend:

- After applying the spray, wait a few minutes.

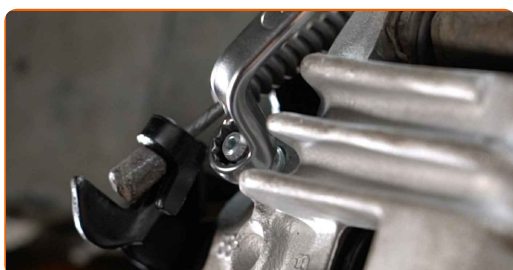
22 Remove the brake hose clamp.



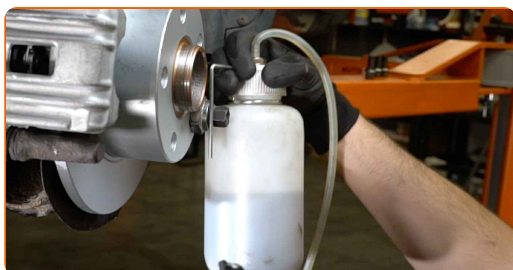
23 Install the parking brake cable into the brake caliper bracket. Use water pump pliers. Use round-nose pliers.



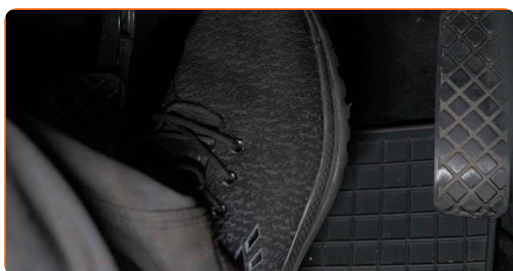
24 Undo the brake bleeder screw. Use a combination spanner #10.



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



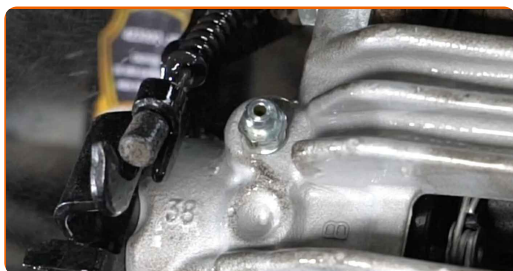
26 Bleed the brake caliper system. Without starting the engine, press the brake pedal several times until you feel significant resistance.



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

28 Disconnect the brake bleeder kit.

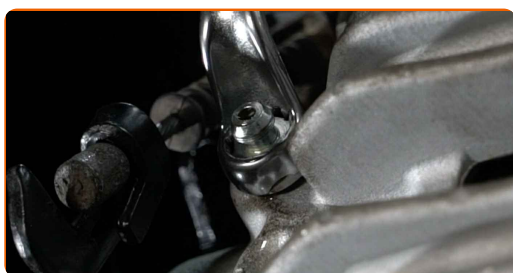
29 Clean dirt from the brake hose bolt. Use a brake cleaner.



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.

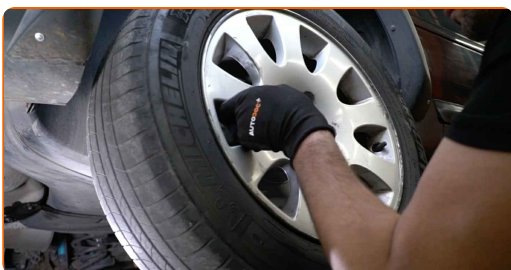


Replacement: brake caliper – AUDI A4 Avant (8D5, B5). AUTODOC recommends:

- After applying the spray, wait a few minutes.

33

Install the wheel.

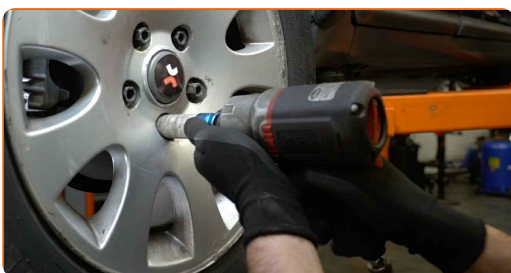


AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. AUDI A4 Avant (8D5, B5)

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 – AUDI A4 Avant (8D5, B5). 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! 

VIEW MORE TUTORIALS

AUTODOC – TOP QUALITY AND AFFORDABLE CAR PARTS ONLINE

AUTODOC MOBILE APP: GREAT DEALS AND CONVENIENT SHOPPING



+ AUTODOC

GET IT ON
 **Google Play**

 **Download on the App Store**

Download

A GREAT SELECTION OF SPARE PARTS FOR YOUR CAR

BRAKE CALIPER: A WIDE SELECTION

DISCLAIMER:

The document contains only general recommendations that may be useful for you when you perform repair or replacement work. AUTODOC shall not be liable for any loss, injury, damage of property occurring in the repair or replacement process due to incorrect use or misinterpretation of the provided information.

AUTODOC shall not be liable for any possible mistakes and uncertainties in this guide. The information provided is for information purposes only and cannot replace advice from specialists.

AUTODOC shall not be liable for incorrect or hazardous usage of equipment, tools and car parts. AUTODOC strongly recommends to be careful and observe the safety rules when performing repair or replacement works. Remember: usage of low quality auto parts does not guarantee you the appropriate level of road safety.

© Copyright 2022 – All the contents of this website, in particular texts, photographs and graphics, are protected by copyright. All rights, including reproduction, publication, editing and translation rights, are reserved by AUTODOC GmbH.