



How to change front
brake caliper on **Audi A4**
B6 – replacement guide

VIDEO TUTORIAL



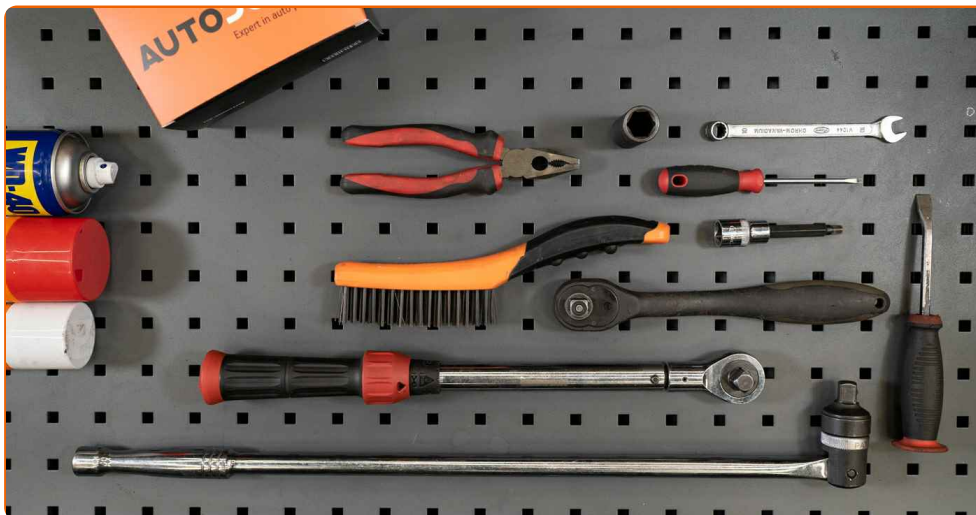
 Important!

This replacement procedure can be used for:

AUDI A4 Saloon (8D2, B5) 1.6, AUDI A4 Saloon (8D2, B5) 1.8, AUDI A4 Saloon (8D2, B5) 1.8 T, AUDI A4 Saloon (8D2, B5) 2.6, AUDI A4 Saloon (8D2, B5) 2.8, AUDI A4 Saloon (8D2, B5) 1.9 TDI, AUDI A4 Saloon (8D2, B5) 1.8 quattro, AUDI A4 Avant (8D5, B5) 1.6, 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) 1.8 quattro, AUDI A4 Avant (8D5, B5) 1.8 T quattro, AUDI A4 Saloon (8D2, B5) 2.8 (ACK,ALG,AMX,APR,AQD,AHA), AUDI A4 Saloon (8D2, B5) 2.8 quattro, (+ 45)

The steps may slightly vary depending on the car design.

REPLACEMENT: BRAKE CALIPER – AUDI A4 B6. TOOLS YOU MIGHT NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Flare nut spanner #10
- HEX bit No.H7.
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Pliers
- Flat Screwdriver
- Crow bar
- Brake bleeder kit
- Wheel chock

BUY TOOLS

Replacement: brake caliper – Audi A4 B6. AUTODOC experts recommend:

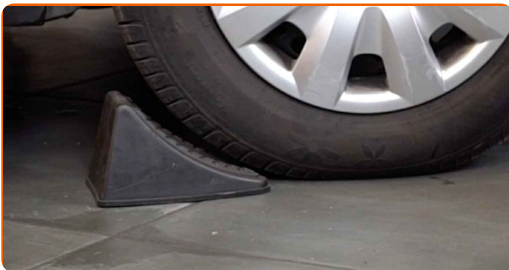
- The replacement procedure is identical for the left and right brake calipers on the same axle.
- All work should be done with the engine stopped.

REPLACEMENT: BRAKE CALIPER – AUDI A4 B6. USE THE FOLLOWING PROCEDURE:

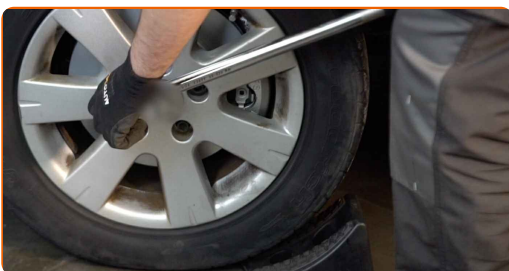
1 Open the bonnet. Unscrew the brake fluid reservoir cap.



2 Secure the wheels with chocks.



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



4 Raise the front of the car and secure on supports.

5 Unscrew the wheel bolts.



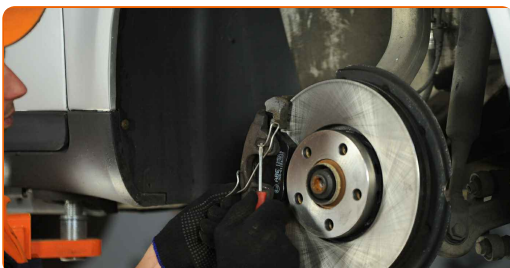
AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.
Audi A4 B6

6 Remove the wheel.

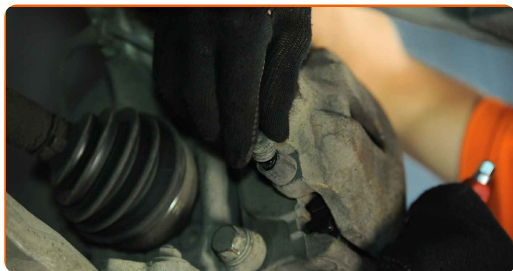


7 Detach the brake caliper retaining spring. Use a flat screwdriver.



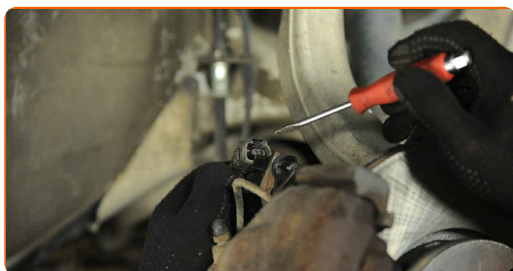
8

Remove the dust boot caps of the brake caliper guide pins. Use a flat screwdriver.



9

Disconnect the brake pad wear sensor plug. Use a flat screwdriver.



Please note!

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

10

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.

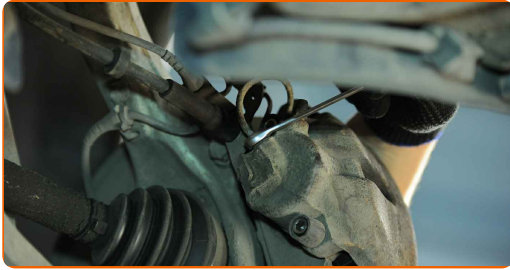
11

Unscrew the mounting bracket that connects the brake hose to the brake caliper. Use a flare nut spanner #10.



12

Unscrew the brake hose from the brake caliper. Use a flare nut spanner #10.



Replacement: brake caliper – Audi A4 B6. Tip from AUTODOC experts:

- Immediately plug the brake line open end to prevent fluid leakage and ingress of dirt into the hydraulic system.

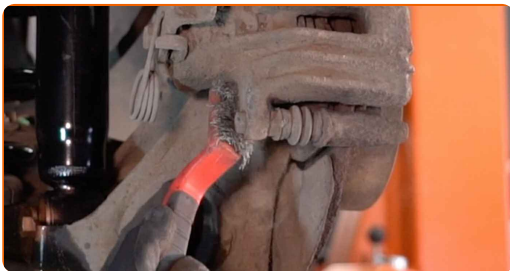
13

Remove the brake hose assembled with the mounting bracket.



14

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



15

Spread the brake pads. Use a crowbar.

16

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



17

Remove the brake caliper. Use a crowbar.

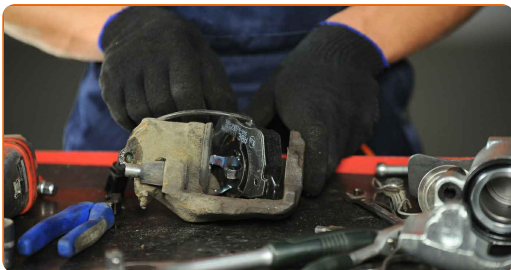


Replacement: brake caliper – Audi A4 B6. Professionals recommend:

- 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.

18

Remove the brake pads.



19 Remove the guide pins from the brake caliper. Use pliers.



20 Install the guide pins on a new brake caliper.



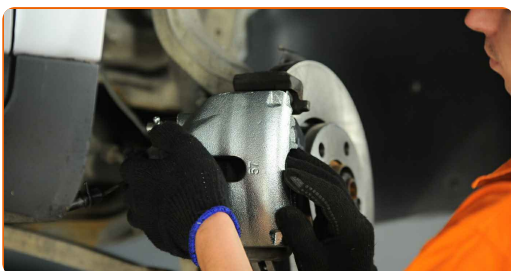
21 Install the brake pads.



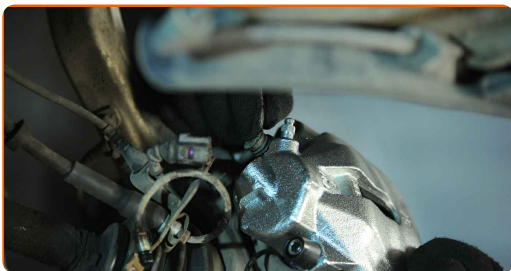
Replacement: brake caliper – Audi A4 B6. Tip:

- If going to use the old brake pads, clean them.

22 Install the brake caliper and fix it. Use HEX No.H7. Use a torque wrench. Tighten it to 30 Nm torque.



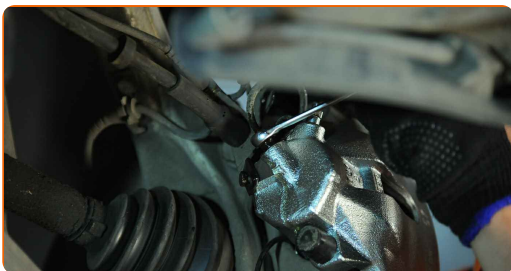
23 Install the dust boot caps of the brake caliper guide pins.



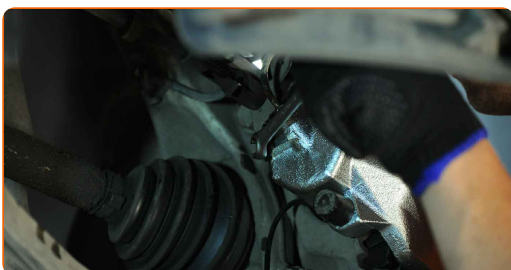
24 Install the brake caliper retaining spring. Use pliers.



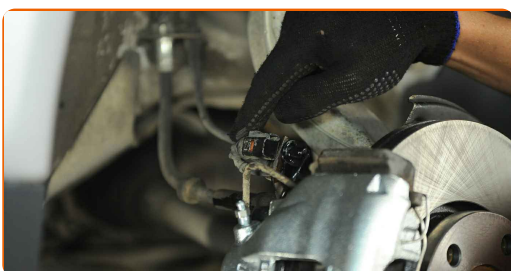
25 Install and fix the brake hose into a new caliper. Use a flare nut spanner #10.



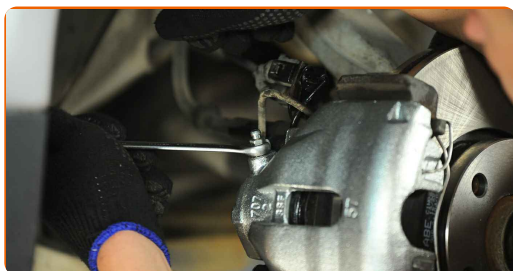
26 Secure the brake hose fastening bracket. Use a flare nut spanner #10.



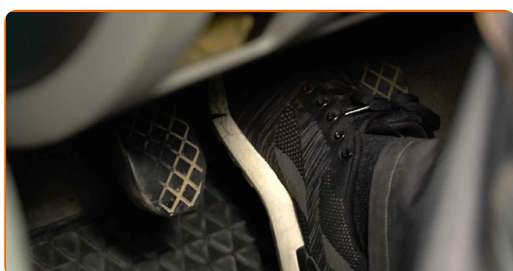
27 Connect the brake pad wear sensor plug.



28 Undo the brake bleeder screw. Use a flare nut spanner #10.



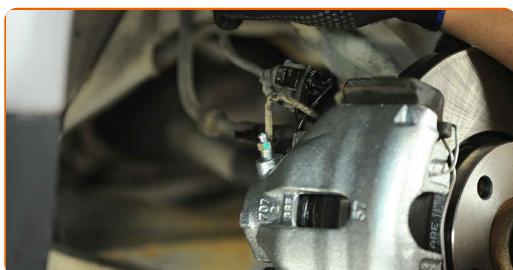
29 Bleed the brake caliper system. Without starting the engine, press the brake pedal several times until you feel significant resistance.



Replacement: brake caliper – Audi A4 B6. AUTODOC recommends:

- Make sure to set the protection cap on the bleeder valve.

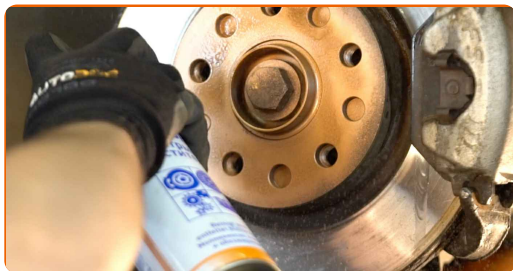
30 Tighten the brake caliper bleed screw. Use a flare nut spanner #10. Use a torque wrench. Tighten it to 10 Nm torque.



31 Disconnect the brake bleeder kit.

32

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



33

Clean the brake disk surface. Use a brake cleaner.



AUTODOC recommends:

- Replacement: brake caliper – Audi A4 B6. After applying the spray, wait a few minutes.

34

Install the wheel.



AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. Audi A4 B6

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



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



37 Remove the jacks and chocks.

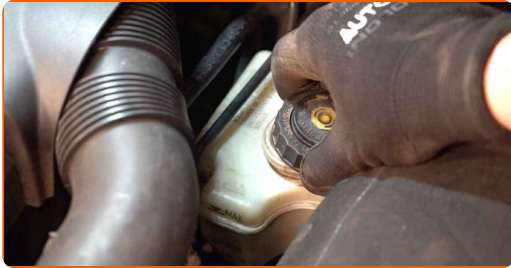


Replacement: brake caliper – Audi A4 B6. AUTODOC experts recommend:

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

38

Tighten the brake fluid reservoir cap. Close the hood.



WELL DONE! 

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