



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

## VIDEO TUTORIAL

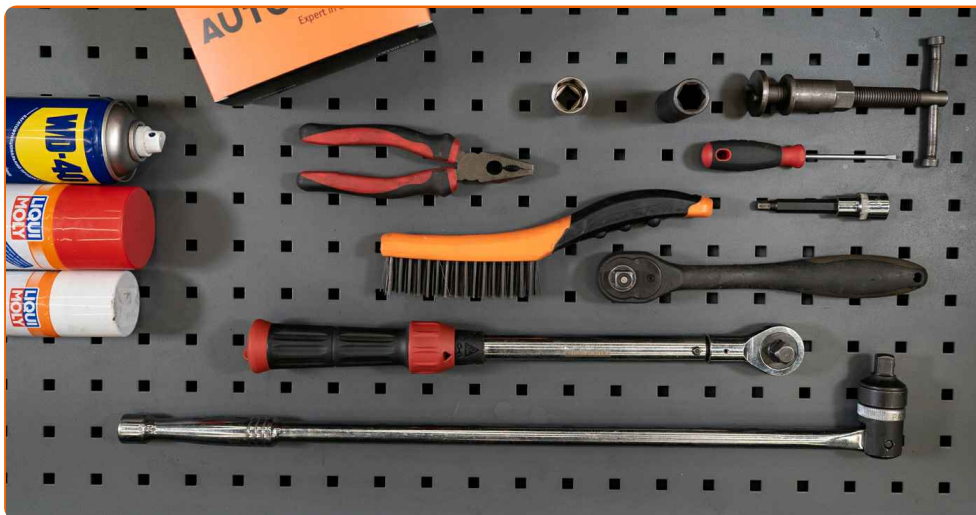
** Important!**

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) 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) 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) 1.8 quattro, AUDI A4 Saloon (8D2, B5) 2.8 (ACK,ALG,AMX,APR,AQD,AHA), AUDI A4 Saloon (8D2, B5) 2.4, (+ 47)

The steps may slightly vary depending on the car design.

REPLACEMENT: BRAKE DISCS – AUDI A4 B6. LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Drive socket # 21
- HEX bit No.H7.
- Wheel impact socket #17
- Brake caliper wind back tool
- Ratchet wrench
- Torque wrench
- Flat Screwdriver
- Crow bar
- Pliers
- Wheel chock

**BUY TOOLS**

**AUTODOC recommends:**

- Replace the brake disks on the car Audi A4 B6 in complete set for each axis. Regardless of the state of components. This will ensure even braking.
- The replacement procedure is identical for both brake disks on the same axle.
- When changing the brake discs, always replace the brake pads.
- All work should be done with the engine stopped.

**REPLACEMENT: BRAKE DISCS – 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:**

- Important! Hold the wheel while unscrewing the fastening bolts. Audi A4 B6

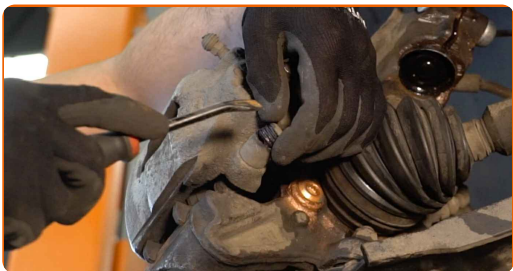
**6** Remove the wheel.



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

11

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



**12**

Spread the brake pads. Use a crowbar.



**13**

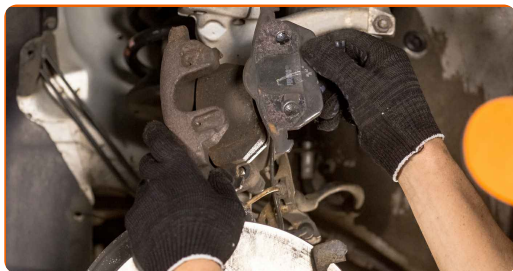
Remove the brake caliper.



**Replacement: brake discs – Audi A4 B6. Professionals recommend:**

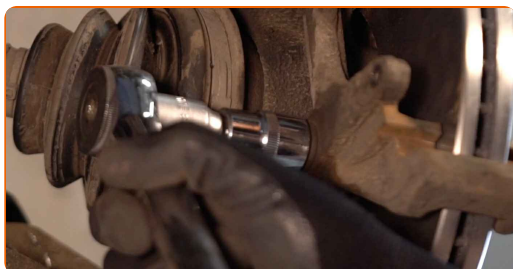
- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

**14** Remove the brake pads.

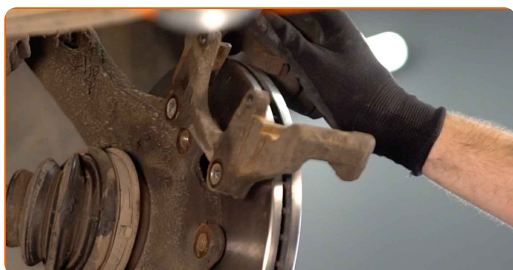


**15** Clean the brake caliper bracket fasteners. Use a wire brush. Use WD-40 spray.

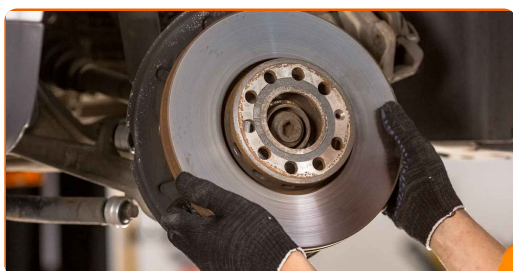
**16** Unscrew the caliper bracket fastening. Use a drive socket #21. Use a ratchet wrench.



**17** Remove the caliper bracket.



**18** Remove the brake disc.



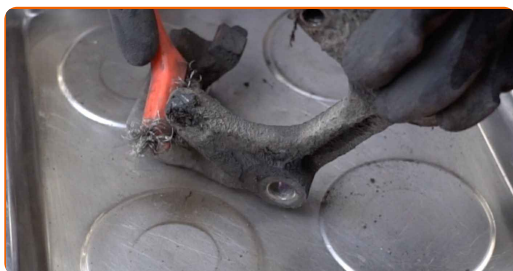
**19** Clean the hub. Use a wire brush. Treat the contacting surface. Use copper grease.



**20** Install the brake disc.



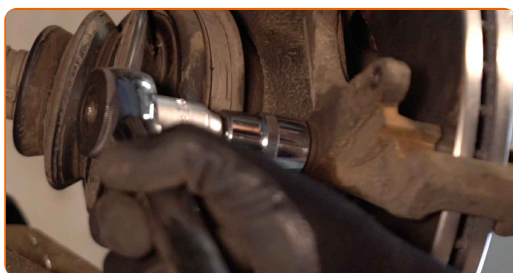
**21** Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use a brake cleaner.



**AUTODOC recommends:**

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

**22** Install the brake caliper bracket.



**23** Tighten the brake caliper bracket. Use a drive socket #21. Use a torque wrench. Tighten it to 190 Nm torque.

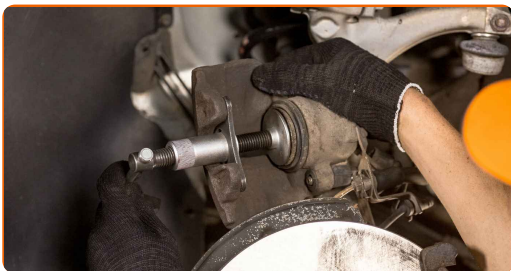
**24** Treat the brake caliper piston. Use a brake cleaner.

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

- After applying the spray, wait a few minutes.

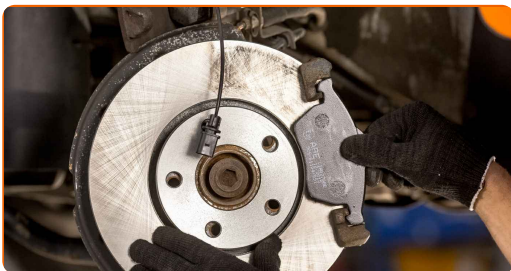
25

Press in the brake caliper piston. Use brake caliper wind back tool.



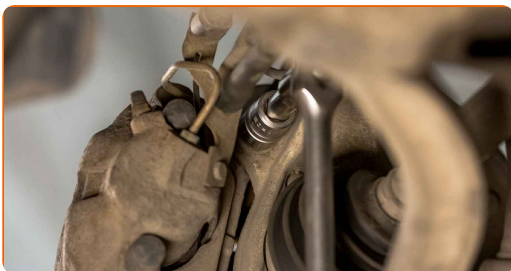
26

Install the brake pads.



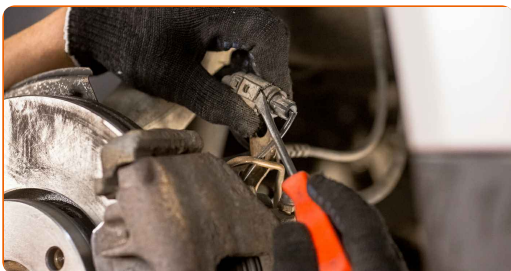
27

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

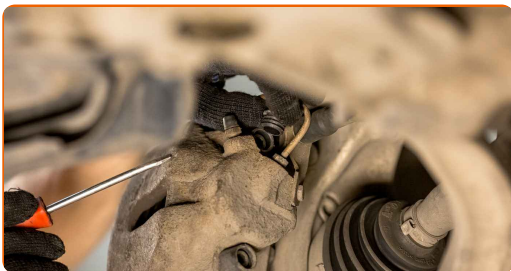


28

Connect the brake pad wear sensor plug.

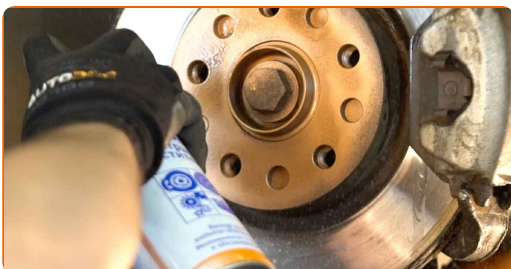


**29** Install the dust boot caps of the brake caliper guide pins.



**30** Install the brake caliper retaining spring. Use pliers.

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



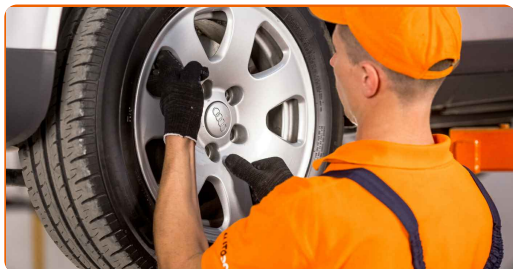
**32** Clean the brake disk surface. Use a brake cleaner.



**AUTODOC recommends:**

- Replacement: brake discs – Audi A4 B6. 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 B6

**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.

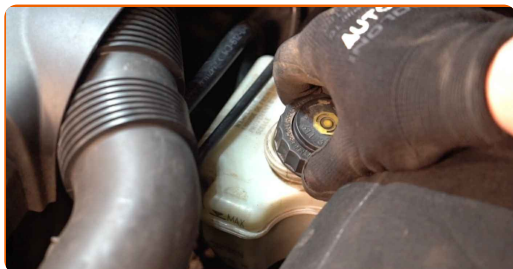


Replacement: brake discs – Audi A4 B6. AUTODOC recommends:

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

37

Tighten the brake fluid reservoir cap.



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

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

38

Close the hood.



**WELL DONE!** 

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