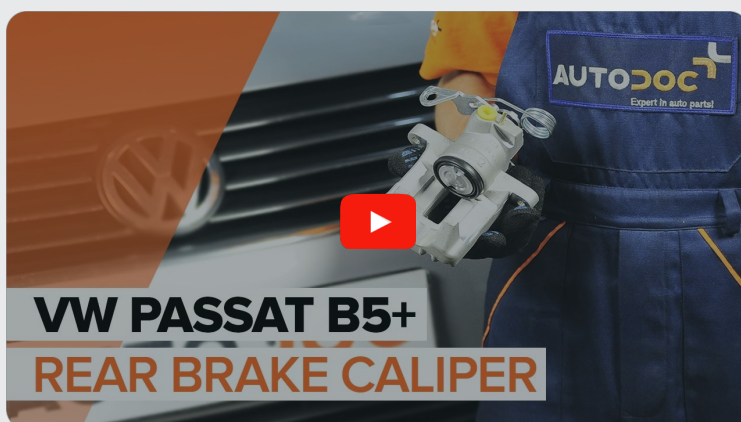




How to change rear  
brake caliper on **AUDI A7**  
**Sportback (4GA, 4GF)** –  
replacement guide

### SIMILAR VIDEO TUTORIAL



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

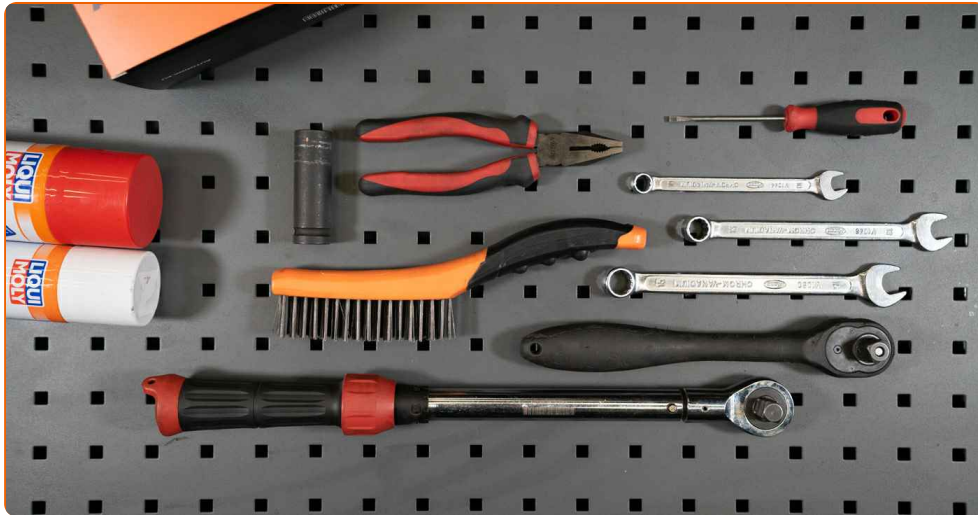
#### **Important!**

This replacement procedure can be used for:  
AUDI A7 Sportback (4GA, 4GF) 2.8 FSI quattro

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 PASSAT Variant (3B5) 1.8 T

**REPLACEMENT: BRAKE CALIPER – AUDI A7 SPORTBACK (4GA, 4GF). LIST OF THE TOOLS YOU'LL NEED:**



- Brake cleaner
- Copper grease
- Flare nut spanner #10
- Combination spanner #13
- Combination spanner #15
- Drive socket # 13
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Flat Screwdriver
- Pliers
- Wheel chock

**Buy tools**

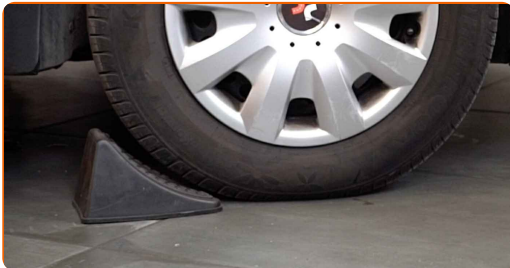
Replacement: brake caliper – AUDI A7 Sportback (4GA, 4GF). AUTODOC experts recommend:

- 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 A7 SPORTBACK (4GA, 4GF). RECOMMENDED SEQUENCE OF 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 A7 Sportback (4GA, 4GF)

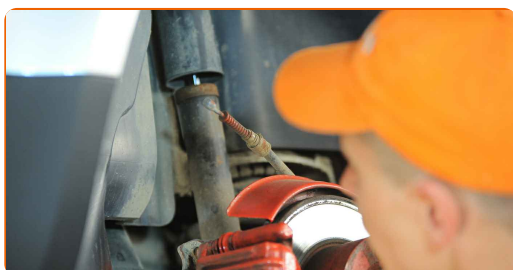
6

Remove the wheel.



7

Disconnect the parking brake cable from the caliper. Use a flat screwdriver.



8

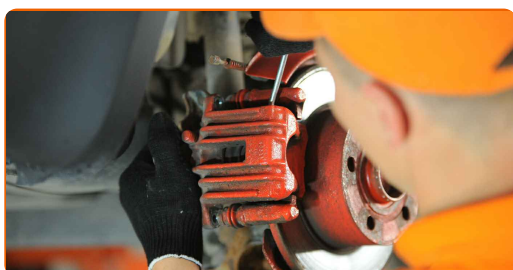
Remove the retaining clip of the parking brake cable. Use pliers.

9

Release the parking brake cable. Use a flat screwdriver.

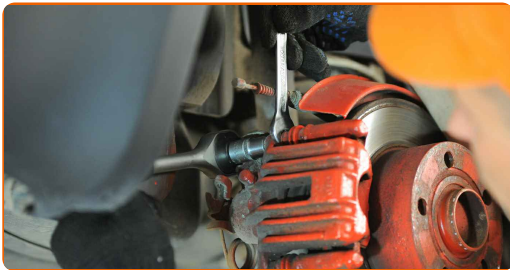
10

Spread the brake pads. Use a flat screwdriver.



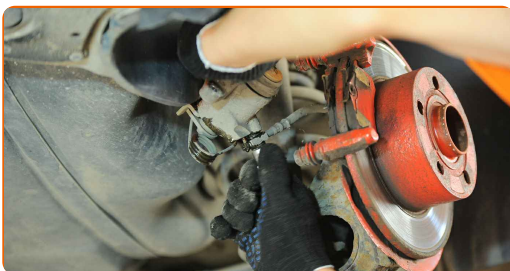
**11**

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



**12**

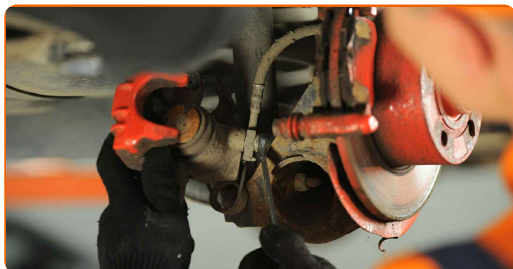
Remove the brake caliper. Use a flat screwdriver.



**Replacement: brake caliper – AUDI A7 Sportback (4GA, 4GF). 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.
- If no new guide pins were supplied in a kit with the new brake calipers, use the old pins.

**13** Unscrew the brake hose from the brake caliper. Use a combination spanner #13.



**14** Remove the brake pads.

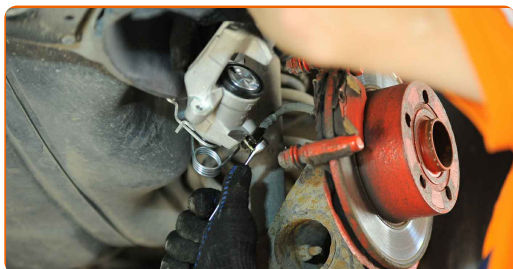


Replacement: brake caliper – AUDI A7 Sportback (4GA, 4GF). AUTODOC recommends:

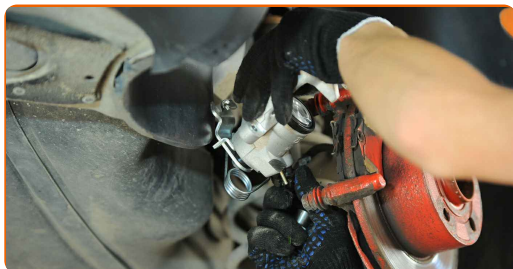
- Immediately plug the brake line open end to prevent fluid leakage and ingress of dirt into the hydraulic system.

**15** Install the brake pads.

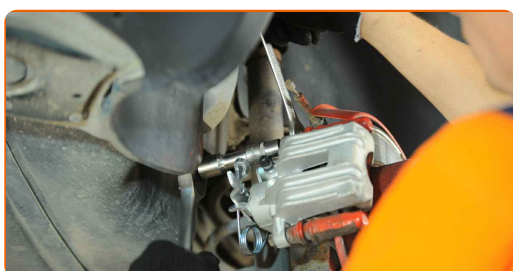
**16** Install and fix the brake hose into a new caliper. Use a combination spanner #13.



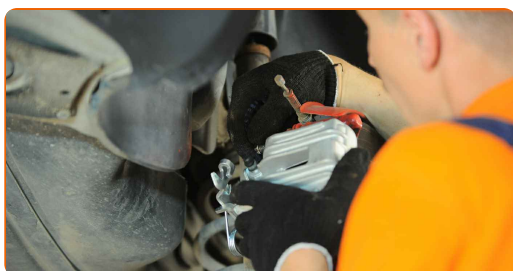
**17** Install the brake caliper and fix it.



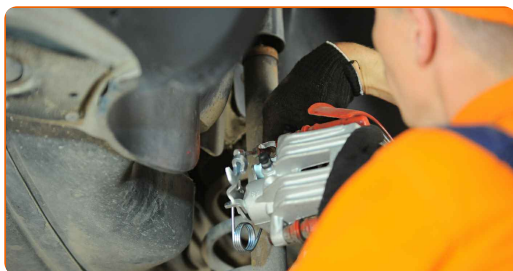
**18** Tighten the brake caliper fasteners. Use a combination spanner #15. Use a drive socket #13. Use a torque wrench. Tighten it to 35 Nm torque.



**19** Install the parking brake cable into the brake caliper bracket. Use a flat screwdriver.



**20** Secure the parking brake cable with the retaining clip. Use a flat screwdriver.

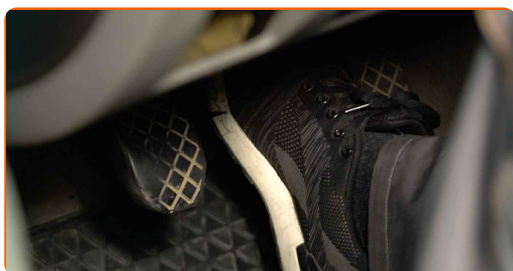


**21** Undo the brake bleeder screw. Use a flare nut spanner #10.





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



- 23 Tighten the brake bleeder screw. Use a flare nut spanner #10.

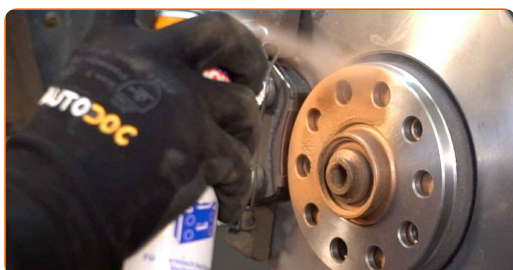
- 24 Tighten the brake caliper bleed screw. Use a flare nut spanner #10. Use a torque wrench. Tighten it to 10 Nm torque.



Replacement: brake caliper – AUDI A7 Sportback (4GA, 4GF). Tip from AUTODOC:

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

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



26

Clean the brake disk surface. Use a brake cleaner.



**AUTODOC recommends:**

- Replacement: brake caliper – AUDI A7 Sportback (4GA, 4GF). After applying the spray, wait a few minutes.

27

Install the wheel.



**Replacement: brake caliper – AUDI A7 Sportback (4GA, 4GF). Tip:**

- To avoid injury, hold up the wheel when screwing in the fastening bolts.

28

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



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

**30** Remove the jacks and chocks.



Replacement: brake caliper – AUDI A7 Sportback (4GA, 4GF). Tip from AUTODOC experts:

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

**31** Tighten the brake fluid reservoir cap. Close the hood.

**WELL DONE!** 

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