VIDEO TUTORIAL

Important!

This replacement procedure can be used for:
AUDI A3 (8L1) 1.8

The steps may slightly vary depending on the car design.

REQUIRED TOOLS:

- Wire brush
- Combination spanner #13
- Combination spanner #15
- Combination spanner #18
- Drive socket # 13
- HEX bit No.H6
- Ratchet wrench
- Brake cleaner
- Wheel impact socket #17
- Torque wrench
- Crow bar
- Anti-squeal paste
- Water pump pliers
- Fluid container
- Brake hose clip
- Copper grease
- Wheel chock

AUTODOC recommends:

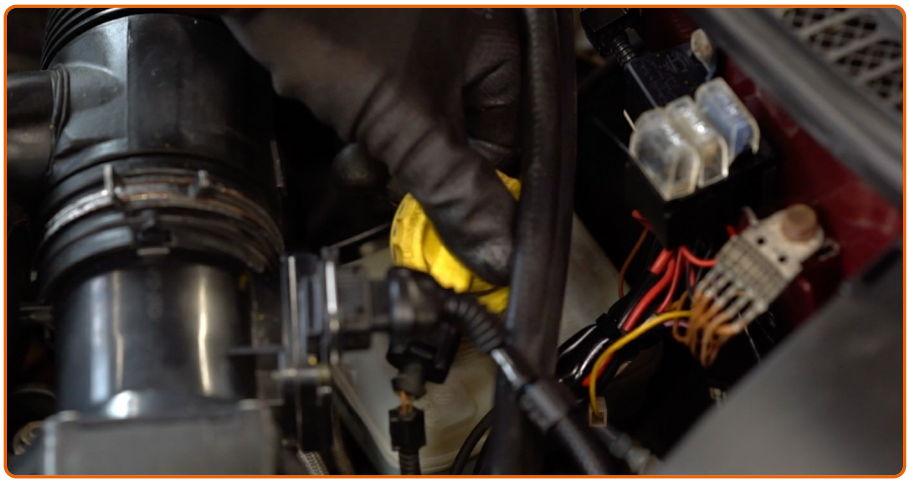
- The replacement procedure is identical for the left and right brake calipers on the same axle.
- All work should be done with the engine stopped.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1

Open the bonnet. Unscrew the brake fluid reservoir cap.

2



Secure the wheels with chocks.

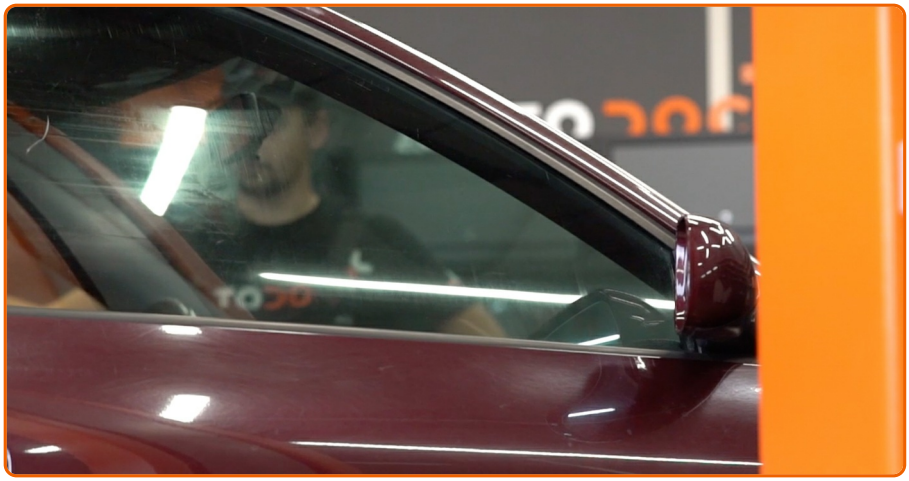
3

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:

- To avoid injury, hold up the wheel when unscrewing the bolts.

6

Remove the wheel.

7

Disconnect the ABS sensor electric socket. Disconnect the brake pad wear sensor plug. Remove the ABS sensor connector. Remove the connector of the brake pad wear sensor.

Please note!

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

8

Spread the brake pads. Use a crowbar.

9

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

AUTODOC recommends:

- After applying the spray, wait a few minutes.

10

Clamp the brake hose off using a brake hose clamp.

11

Put a container for gathering brake fluid beneath.

12

Unscrew the brake hose from the brake caliper. Use a combination spanner #18.

13

Move the brake hose aside. Tie the brake hose to the car body with a hook or a piece of wire.

14

Detach the parking brake return spring. Use water pump pliers.

15

Remove the retaining clip of the parking brake cable. Use a crowbar.

16

Disconnect the parking brake cable from the caliper. Use water pump pliers.

17

Release the parking brake cable.

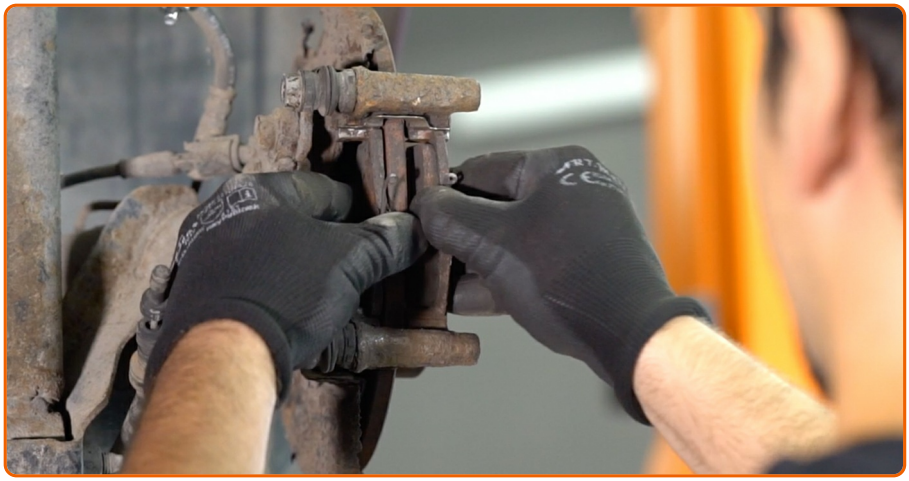
18

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

19

Remove the brake caliper.

20



Remove the brake pads.

AUTODOC recommends:

- 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.

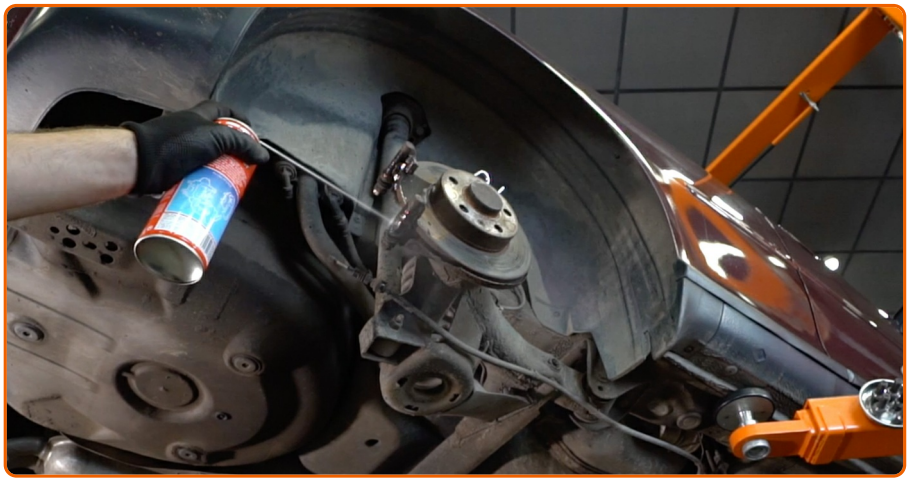
21

If going to use the old brake pads, clean them. Use a wire brush. Use a brake cleaner.

AUTODOC recommends:

- After applying the spray, wait a few minutes.

22



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

AUTODOC recommends:

- After applying the spray, wait a few minutes.

23

Treat the contact surfaces between the brake pads and the brake caliper bracket. Use anti-squeal paste.

24

Install the brake pads.

25

Install the brake caliper and fix it.

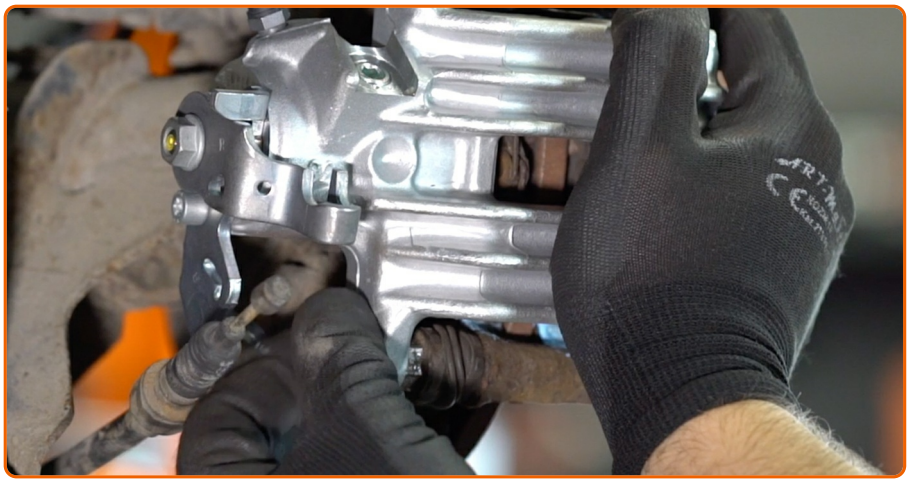
26

Screw in the brake caliper fasteners.

Please note!

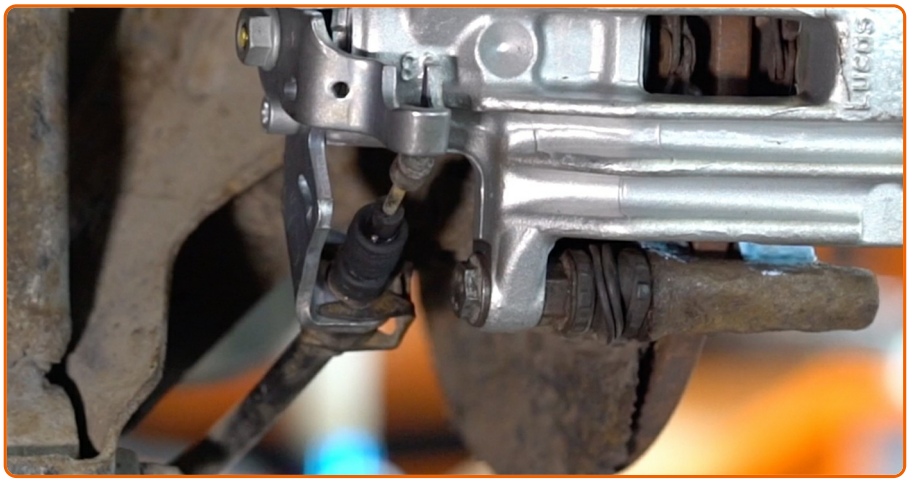
- Install the brake caliper starting with its lower part.
- Hold up the brake caliper.

27



Tighten the brake caliper fasteners. Use a combination spanner #15. Use a drive socket #13. Use a torque wrench. Tighten it to 30 Nm torque.

28



Install the parking brake cable into the brake caliper bracket. Secure the parking brake cable with the retaining clip.

29

Pull aside the parking brake mechanism. Use water pump pliers.

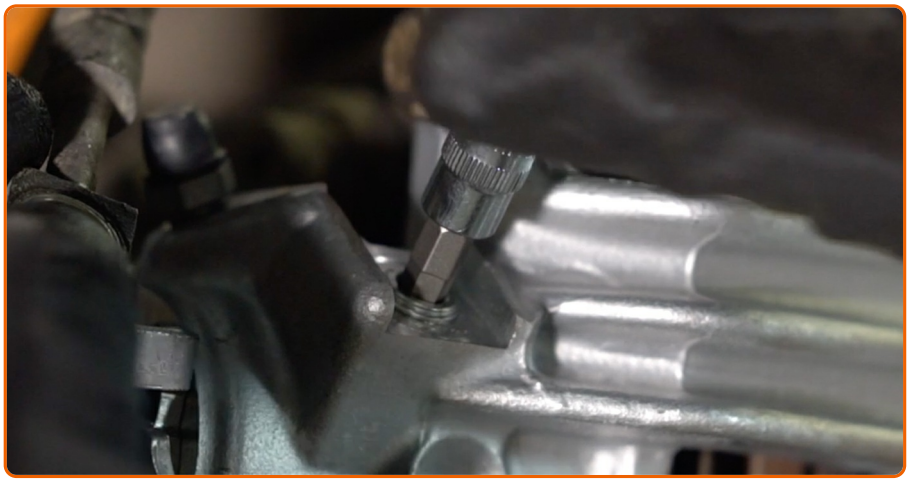
30

Attach the parking brake cable to the parking brake mechanism.

31

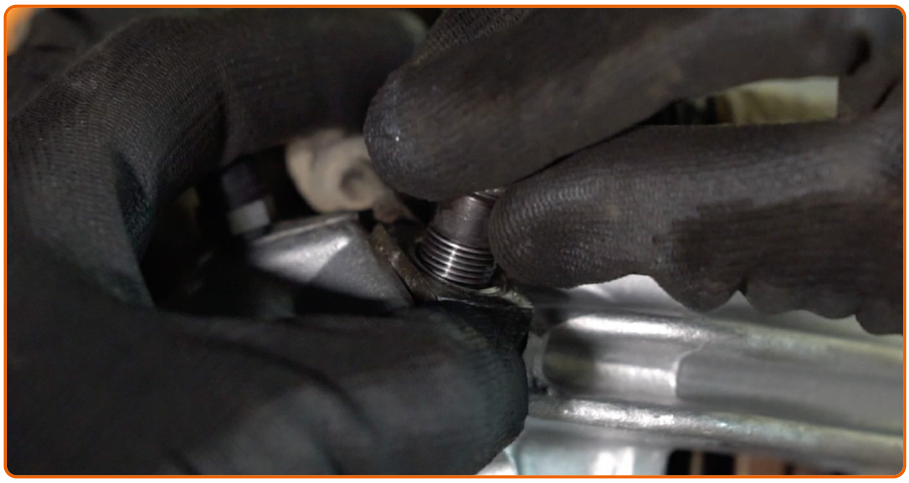
Install the return spring of the parking brake mechanism.

32



Unscrew the plug from the brake hose mounting seat on the brake caliper. Use a ratchet wrench. Use HEX No.H6.

33



Install the brake hose to the new brake caliper.

34

Tighten the brake hose fastener. Use a combination spanner #18. Use a torque wrench. Tighten it to 35 Nm torque.

35

Remove the brake hose clamp.

AUTODOC recommends:

- Bleed the brake caliper system.

36

Connect the ABS sensor electric socket. Connect the brake pad wear sensor plug.

37

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

38

Install the wheel.

AUTODOC recommends:

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

39

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

40

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

41

Remove the jacks and chocks.

AUTODOC recommends:

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

42

Tighten the brake fluid reservoir cap.

43

Close the hood.

DID YOU FIND THESE INSTRUCTIONS HELPFUL?

YES NO

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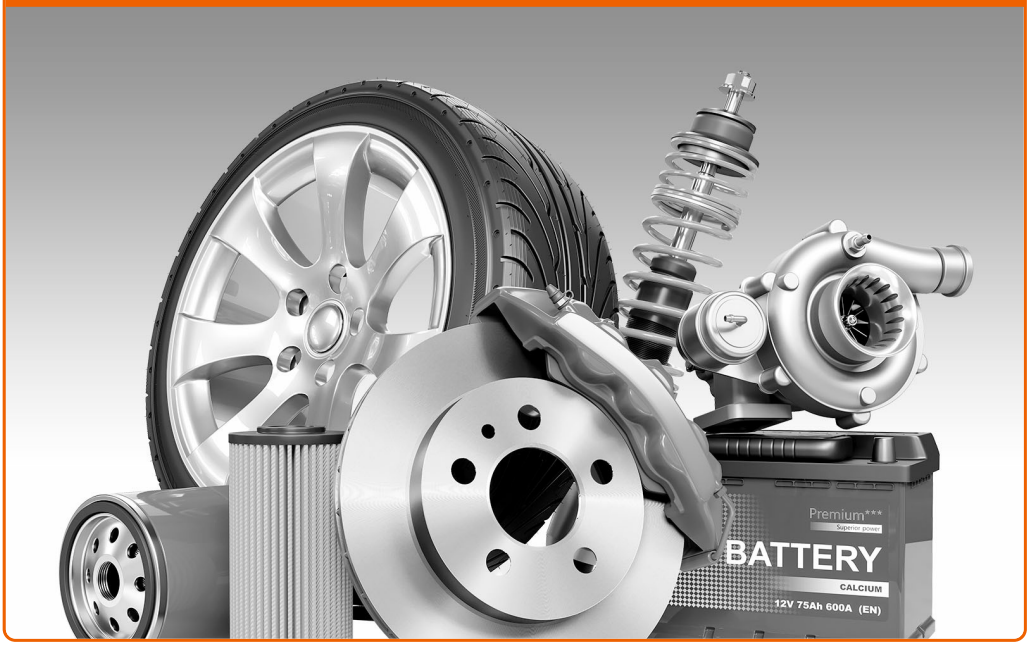
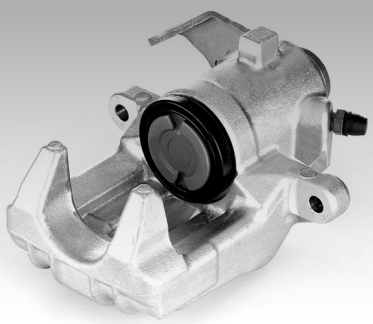


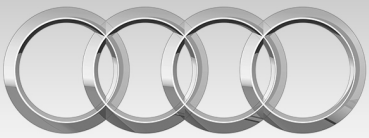
BUY SPARE PARTS FOR AUDI

BRAKE CALIPERS: A WIDE SELECTION



CHOOSE CAR PARTS FOR AUDI A3 8L1

BRAKE CALIPERS FOR AUDI: BUY NOW



BRAKE CALIPERS FOR AUDI A3 8L1: THE BEST DEALS & OFFERS

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