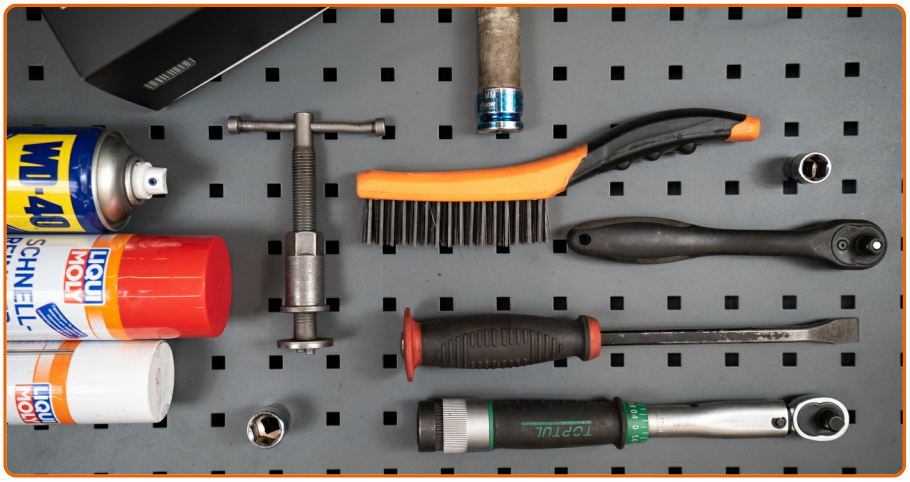
VIDEO TUTORIAL

ⓘ Important!

This replacement procedure can be used for:
TOYOTA RAV 4 II (_A2_) 2.0 4WD (ACA21, ACA20)

The steps may slightly vary depending on the car design.

REQUIRED TOOLS:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Drive socket # 14
- Drive socket # 17
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Brake caliper wind back tool
- Crow bar
- Wheel chock

AUTODOC recommends:

- Replace the brake disks on the car TOYOTA RAV 4 II 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.

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 front 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

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

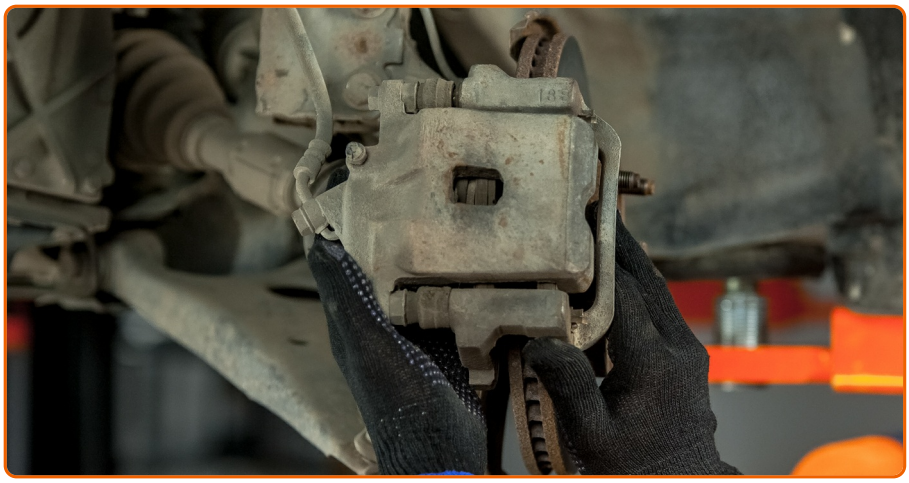
8

Spread the brake pads. Use a crowbar.

9

Unscrew the brake caliper fastening Use a drive socket #14. Use a ratchet wrench.

10



Remove the brake caliper.

AUTODOC recommends:

- 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.

11

Remove the brake pads.

12

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

13

Unscrew the caliper bracket fastening. Use a drive socket #17. Use a ratchet wrench.

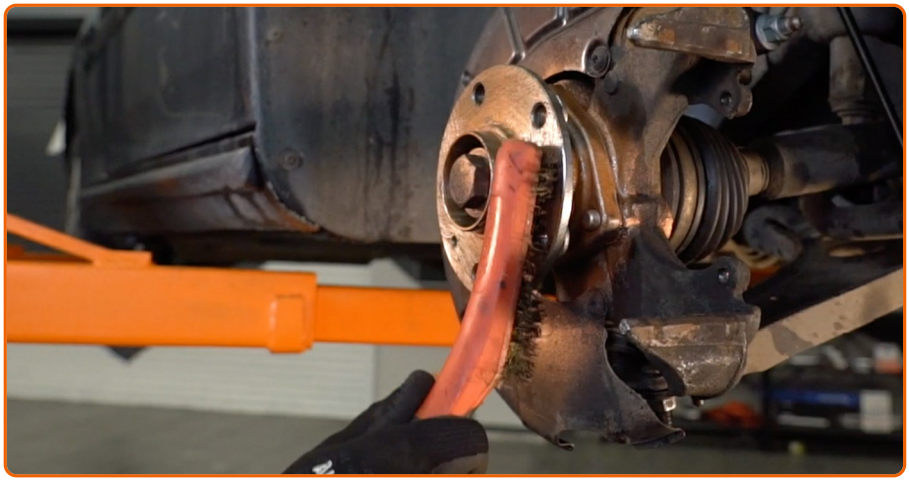
14

Remove the caliper bracket

15

Remove the brake disc.

16



Clean the hub. Use a wire brush.

17

Treat the contacting surface. Use copper grease.

18

Install the brake disc.

19

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

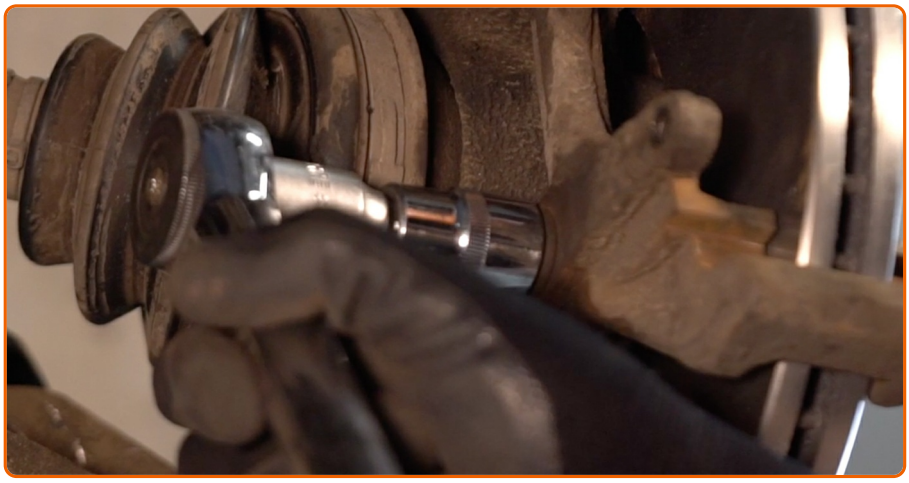
AUTODOC recommends:

- After applying the spray, wait a few minutes.

20

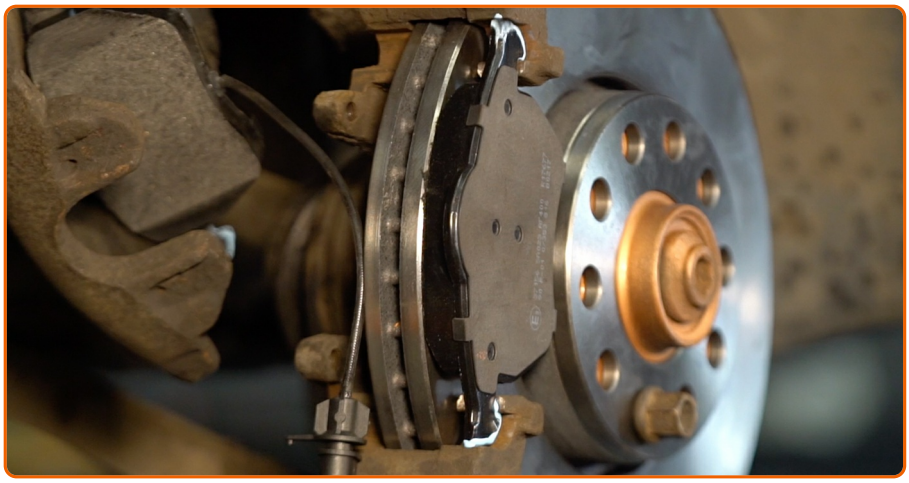
Install the brake caliper bracket

21



Tighten the brake caliper bracket Use a drive socket #17. Use a torque wrench. Tighten it to 65 Nm torque.

22



Install the brake pads. Use a crowbar.

23

Treat the brake caliper piston. Use a brake cleaner.

AUTODOC recommends:

- After applying the spray, wait a few minutes.

24

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

25

Install the brake caliper and fix it.

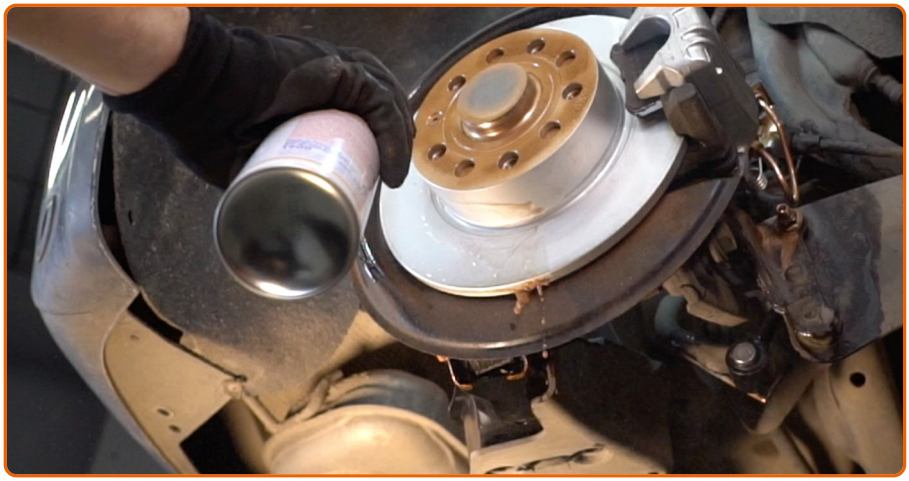
26

Tighten the brake caliper fasteners. Use a drive socket #14. Use a torque wrench. Tighten it to 35 Nm torque.

27

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

28



Clean the brake disk surface. Use a brake cleaner.

AUTODOC recommends:

- After applying the spray, wait a few minutes.

29

Install the wheel.

AUTODOC recommends:

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

30

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

31

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.

32

Remove the jacks and chocks.

AUTODOC recommends:

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

33

Tighten the brake fluid reservoir cap. Without starting the engine, press the brake pedal several times until you feel significant resistance.

34

Close the hood.

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YES NO

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