



How to change rear  
brake pads on **Toyota**  
**RAV4 II** – replacement  
guide

## VIDEO TUTORIAL

** Important!**

This replacement procedure can be used for:

TOYOTA RAV 4 II (CLA2\_, XA2\_, ZCA2\_, ACA2\_) 1.8 (ZCA25\_, ZCA26\_), TOYOTA RAV 4 II (CLA2\_, XA2\_, ZCA2\_, ACA2\_) 2.0 D 4WD (CLA20\_, CLA21\_), TOYOTA RAV 4 II (CLA2\_, XA2\_, ZCA2\_, ACA2\_) 2.4 4WD

The steps may slightly vary depending on the car design.

REPLACEMENT: BRAKE PADS – TOYOTA RAV4 II. LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- Nylon cleaning brush
- WD-40 spray
- Brake cleaner
- Anti-squeal paste
- Ceramic grease
- Torque wrench
- Drive socket # 14
- Wheel impact socket #19
- Ratchet wrench
- Brake caliper wind back tool
- Flat screwdriver
- Crow bar
- Hammer
- Pin punch
- Wheel chock

**BUY TOOLS**

Replacement: brake pads – Toyota RAV4 II. AUTODOC experts recommend:

- Perform the replacement of brake pads in complete set for each axis. This provides effective braking.
- The replacement procedure is identical for all brake pads on the same axle.
- Please note: all work on the car – Toyota RAV4 II – should be done with the engine switched off.

**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 #19.



4

Raise the car.

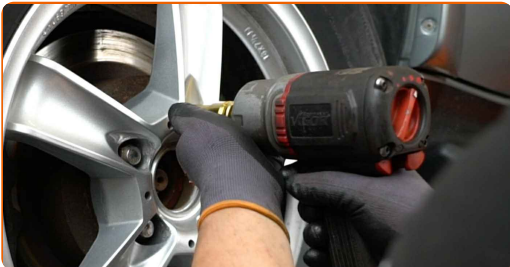


Replacement: brake pads – Toyota RAV4 II. Tip from AUTODOC:

- If you are using a jack, make sure it rests on a flat surface without any unevenness.
- Be sure to additionally secure the car with jack stands.

5

Unscrew the wheel bolts.



AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.  
Toyota RAV4 II

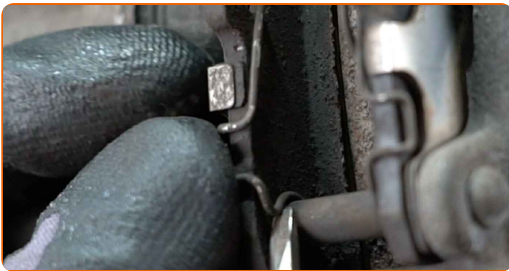
**6** Remove the wheel.



**7** Detach the brake caliper retaining spring. Use a crowbar.



**8** Remove the retaining springs of the brake pads. Use a flat screwdriver.



**9** Clean the brake pad guide pins. Use a wire brush. Use a brake cleaner.



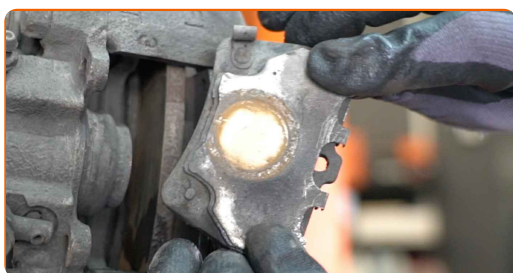
**AUTODOC recommends:**

- Replacement: brake pads – Toyota RAV4 II. After applying the spray, wait a few minutes.

**10** Remove the brake pad guide pins. Use a pin punch. Use a hammer.



**11** Remove the brake pads.



**AUTODOC recommends:**

- Measure the brake disc thickness. Upon reaching the wear limit the part must be replaced.

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

**13** Unscrew the brake caliper fasteners. Use a drive socket #14. Use a ratchet wrench.

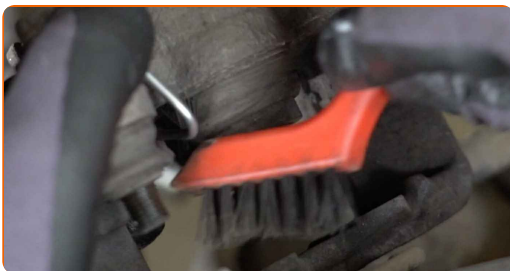
**14** Remove the brake caliper.

Replacement: brake pads – Toyota RAV4 II. AUTODOC experts 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.

15

Treat the brake caliper pistons. Use a nylon cleaning brush. Use a brake cleaner.



AUTODOC recommends:

- After applying the spray, wait a few minutes.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.



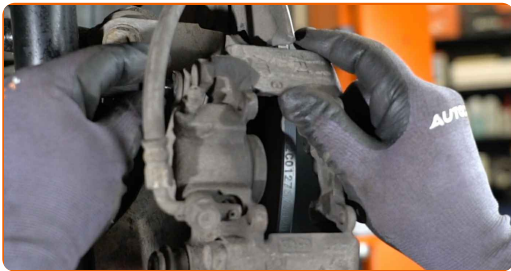
**16**

Wind back the brake caliper pistons. Use brake caliper wind back tool.



**17**

Install the brake caliper and fix it.



**18**

Tighten the brake caliper fasteners. Use a drive socket #14. Use a torque wrench. Tighten it to 44 Nm torque.



**19**

Remove the anti-squeal shims from the old brake pads.



**Replacement: brake pads – Toyota RAV4 II. AUTODOC recommends:**

- Check the condition of the anti-squeal shims. Replace if necessary.

**20**

Clean the anti-squeal shims and brake pad fasteners. Use a wire brush. Use a brake cleaner.



**AUTODOC recommends:**

- Replacement: brake pads – Toyota RAV4 II. After applying the spray, wait a few minutes.

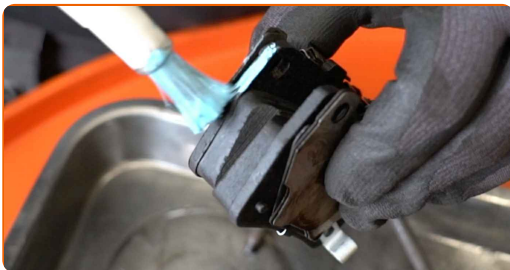
**21**

Install the anti-squeal shims on the new brake pads.



**22**

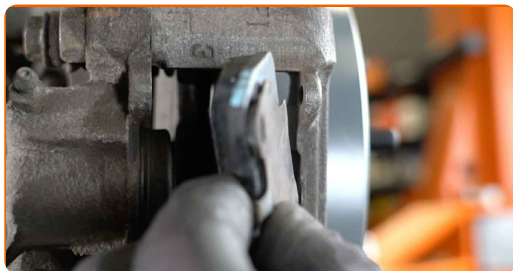
Treat the brake pads in the area where their surface comes into contact with the brake caliper bracket. Use anti-squeal paste.



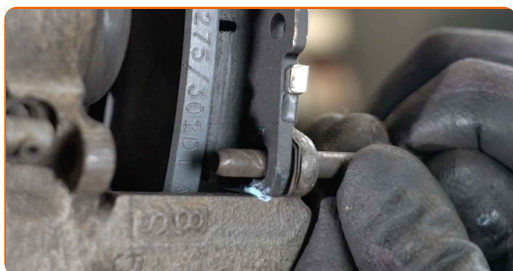
**Replacement: brake pads – Toyota RAV4 II. Tip:**

- Make sure the disc surface is clean before installing the pads.

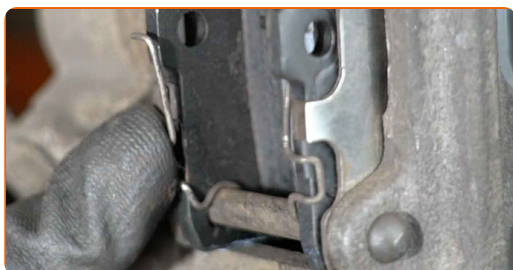
23 Install new brake pads.



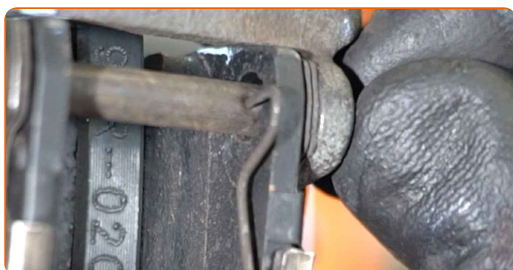
24 Install the brake pad guide pins.



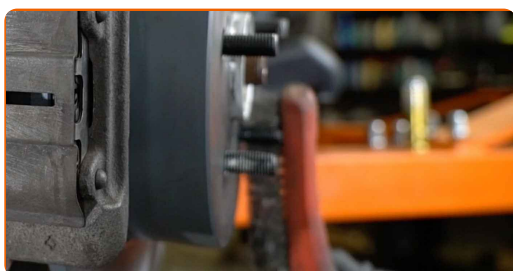
25 Install the retaining springs of the brake pads. Use a flat screwdriver.



26 Install the brake pad retaining clip.



27 Clean the wheel rim mounting seat. Use a wire brush.



28

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



29

Clean the brake disk surface. Use a brake cleaner.



**AUTODOC recommends:**

- After applying the spray, wait a few minutes.

30

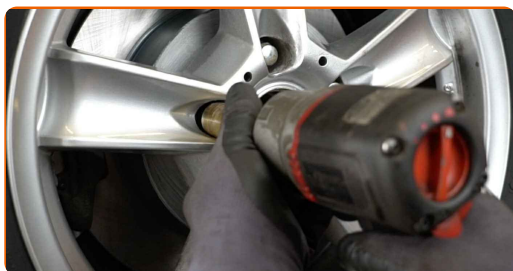
Install the wheel.



**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. Toyota RAV4 II

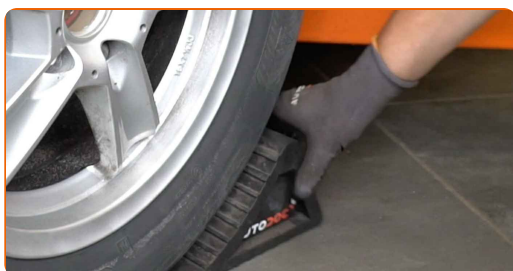
**31** Screw in the wheel bolts. Use wheel impact socket #19.



**32** Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #19. Use a torque wrench. Tighten it to 103 Nm torque.



**33** Remove the jacks and chocks.

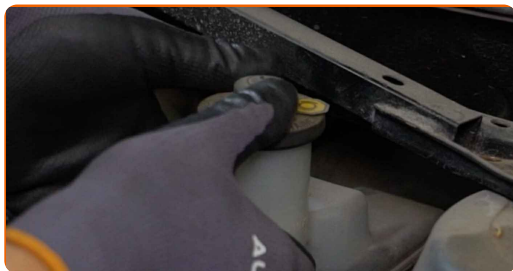


**AUTODOC recommends:**

- Without starting the engine, press the brake pedal several times until you feel significant resistance.
- Check the brake fluid level in the expansion tank and refill if necessary.

34

Tighten the brake fluid reservoir cap. Close the hood.



Replacement: brake pads – Toyota RAV4 II. Professionals recommend:

- Slow down smoothly for first 150-200 km after the brake pads replacement. Avoid unnecessary and sharp braking to a stop.

**WELL DONE!** 

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