



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

VIDEO TUTORIAL



Important!

This replacement procedure can be used for:

TOYOTA RAV4 III Off-Road (XA30) 2.4 4WD (ACR38), TOYOTA RAV4 III Off-Road (XA30) 3.5 4WD, TOYOTA Camry VII Saloon (_V5_) 2.5, TOYOTA Camry VI Saloon (_V4_) 2.0 (ACV41_), TOYOTA Camry VI Saloon (_V4_) 2.4 Hybrid (AHV40_), TOYOTA Camry VI Saloon (_V4_) 3.5 (GSV40_), TOYOTA Camry VI Saloon (_V4_) 2.5 (ASV40_), TOYOTA RAV4 III Off-Road (XA30) 2.0 4WD (ACA30_), TOYOTA RAV4 III Off-Road (XA30) 2.2 D 4WD (ALA30_), TOYOTA Camry VI Saloon (_V4_) 2.4 (ACV40), TOYOTA RAV4 III Off-Road (XA30) 2.0 (ZSA35_), TOYOTA RAV4 III Off-Road (XA30) 2.0 4WD (ZSA30_), TOYOTA Camry VI Saloon (_V4_) 2.4 (ACV40_), TOYOTA RAV4 III Off-Road (XA30) 2.2 D (ALA35_), TOYOTA RAV4 IV Off-Road (XA40) 2.0 4WD, (+ 25)

The steps may slightly vary depending on the car design.

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



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Anti-squeal paste
- Drive socket # 14
- Wheel impact socket #21
- Brake caliper wind back tool
- Torque wrench
- Crow bar
- Wheel chock

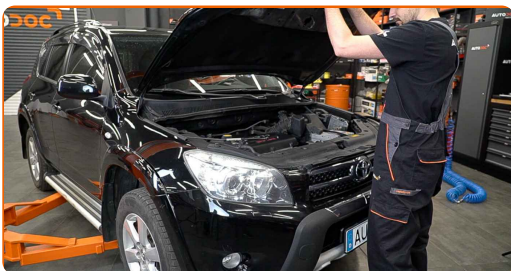
BUY TOOLS

Replacement: brake pads – Toyota RAV4 III. AUTODOC recommends:

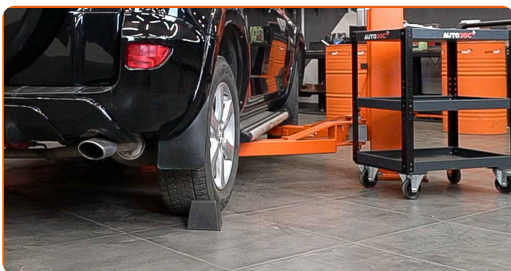
- Perform the replacement of brake pads in complete set for each axis. This provides effective braking.
- The replacement procedure is identical for all brake pads on the same axle.
- Warning! Shut down the engine before starting any work – Toyota RAV4 III.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

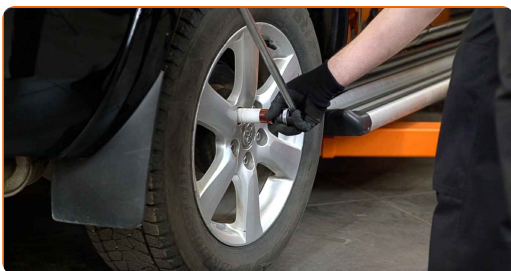
1 Open the bonnet. Unscrew the brake fluid reservoir cap.



2 Secure the wheels with chocks.

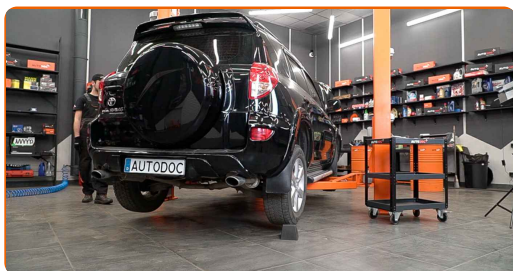


3 Loosen the wheel mounting bolts. Use wheel impact socket #21.



4

Raise the rear of the car and secure on supports.



5

Unscrew the wheel bolts.

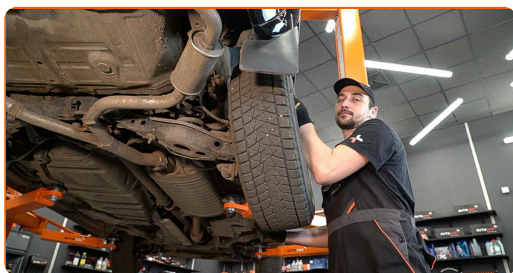


Replacement: brake pads – Toyota RAV4 III. AUTODOC experts recommend:

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

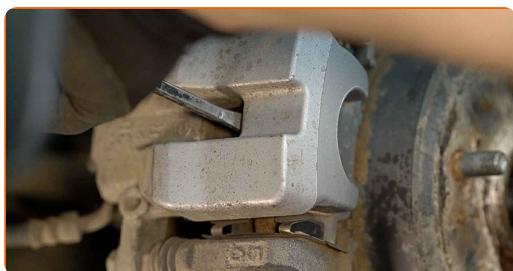
6

Remove the wheel.



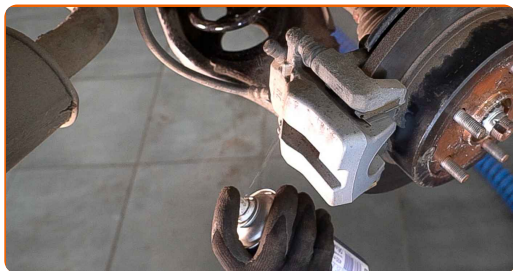
7

Spread the brake pads. Use a crowbar.



8

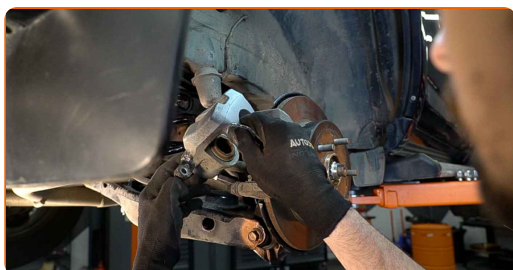
Clean the brake caliper fasteners. Use a wire brush. Use WD-40 spray.

**9**

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

**10**

Remove the brake caliper.

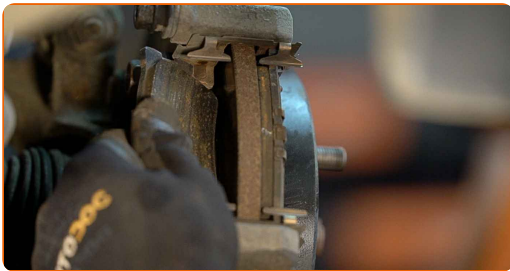


Replacement: brake pads – Toyota RAV4 III. Tip from AUTODOC:

- 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.



Replacement: brake pads – Toyota RAV4 III. Tip from AUTODOC experts:

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

12

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

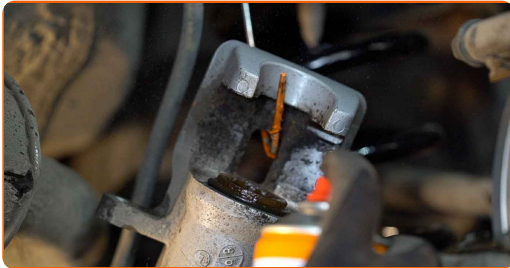


AUTODOC recommends:

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

13

Treat the brake caliper piston. Use a brake cleaner.

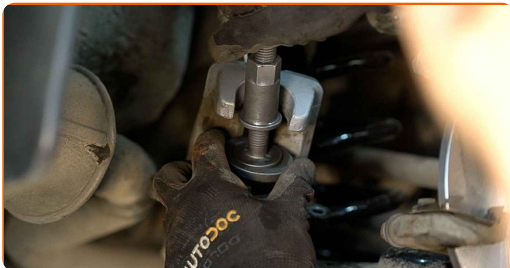


Replacement: brake pads – Toyota RAV4 III. Tip:

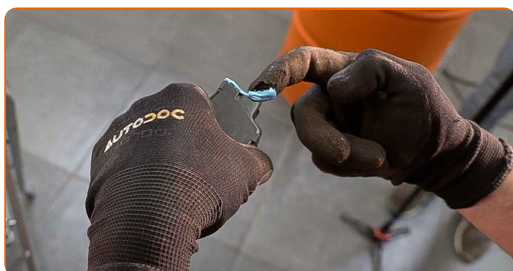
- After applying the spray, wait a few minutes.

14

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



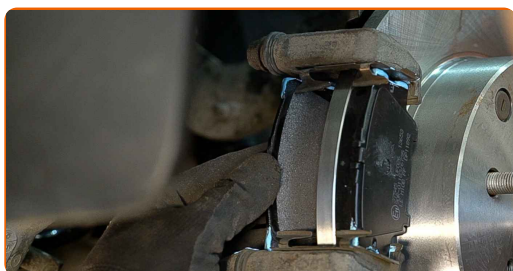
- 15** Treat the brake pads in the area where their surface comes into contact with the brake caliper bracket. Use anti-squeal paste.



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

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

- 16** Install new brake pads.

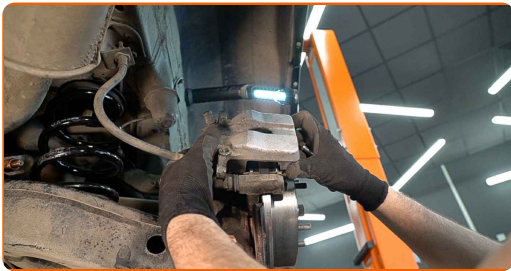


Replacement: brake pads – Toyota RAV4 III. AUTODOC experts recommend:

- Make sure the pads are installed with linings facing the disc.

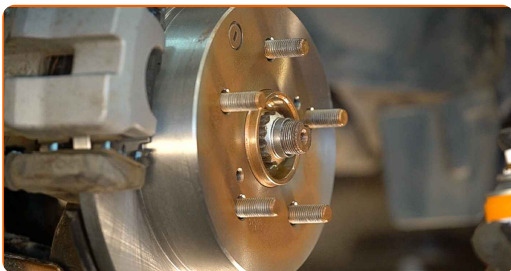
17

Install the brake caliper and fix it. Use a drive socket #14. Use a torque wrench. Tighten it to 27 Nm torque.



18

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



19

Clean the brake disk surface. Use a brake cleaner.

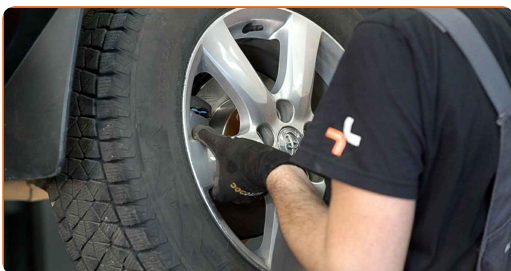


AUTODOC recommends:

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

20

Install the wheel.



Replacement: brake pads – Toyota RAV4 III. AUTODOC recommends:

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

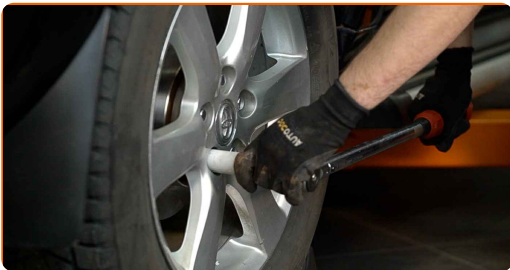
21

Screw in the wheel bolts. Use wheel impact socket #21.



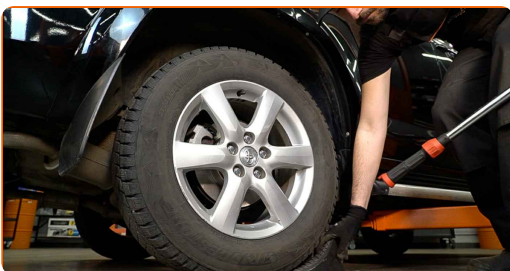
22

Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 103 Nm torque.



23

Remove the jacks and chocks.



AUTODOC recommends:

- Important! Replacement: brake pads – Toyota RAV4 III. Check the brake fluid level in the reservoir and top up if necessary.

24

Tighten the brake fluid reservoir cap.

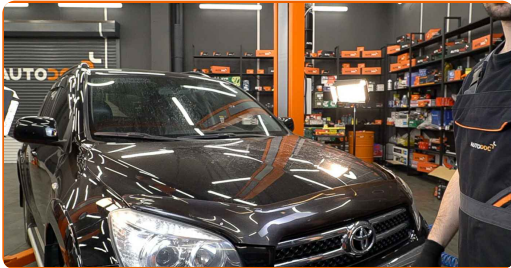


AUTODOC recommends:

- Toyota RAV4 III – Press the brake pedal several times with the engine shut down until you feel the resistance built up.

25

Close the hood.



Replacement: brake pads – Toyota RAV4 III. 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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