



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

VIDEO TUTORIAL

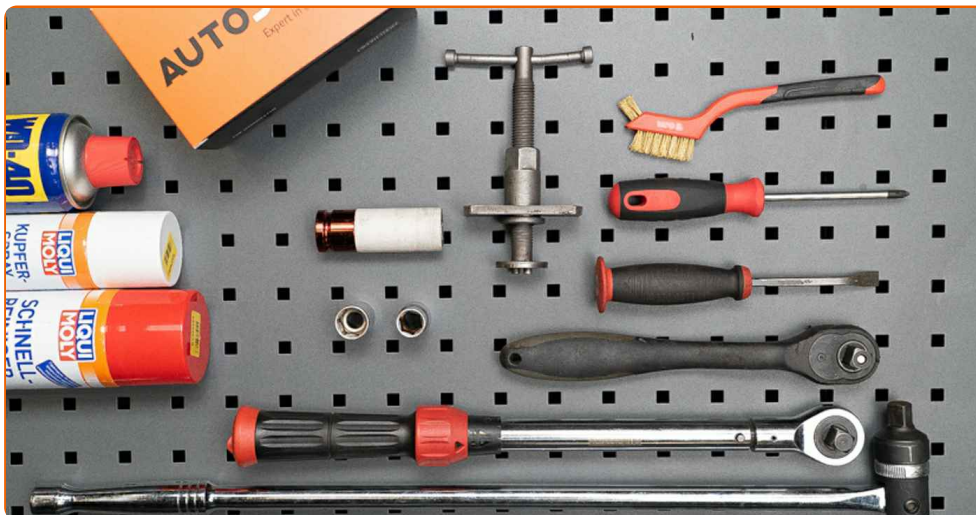
** Important!**

This replacement procedure can be used for:

TOYOTA RAV4 III Off-Road (XA30) 2.4 4WD (ACR38), TOYOTA RAV4 III Off-Road (XA30) 2.0 4WD (ACA30_), TOYOTA RAV4 III Off-Road (XA30) 2.2 D 4WD (ALA30_), TOYOTA RAV4 III Off-Road (XA30) 3.5 4WD (GSA33), TOYOTA RAV4 III Off-Road (XA30) 2.0 (ZSA35_), TOYOTA RAV4 III Off-Road (XA30) 2.0 4WD (ZSA30_), TOYOTA RAV4 III Off-Road (XA30) 2.2 D (ALA35_), TOYOTA RAV4 IV Off-Road (XA40) 2.0 4WD, TOYOTA RAV4 III Off-Road (XA30) 2.0, TOYOTA RAV4 III Off-Road (XA30) 2.0 4WD, TOYOTA RAV4 III Off-Road (XA30) 2.5 4WD, TOYOTA RAV4 III Off-Road (XA30) 2.5, TOYOTA RAV4 III Off-Road (XA30) 3.5 4WD, TOYOTA RAV4 IV Off-Road (XA40) 2.0 D (ALA40_), TOYOTA RAV4 IV Off-Road (XA40) 2.0 4WD (ZSA44_), (+ 9)

The steps may slightly vary depending on the car design.

REPLACEMENT: BRAKE DISCS – TOYOTA RAV4 III.
TOOLS YOU NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Drive socket # 14
- Drive socket # 17
- Wheel impact socket #21
- Brake caliper wind back tool
- Ratchet wrench
- Torque wrench
- Tap wrench
- Rubber mallet
- Crow bar
- Wheel chock

BUY TOOLS

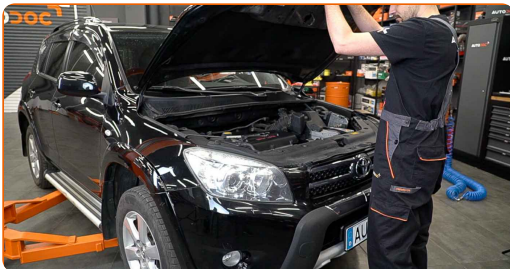
Replacement: brake discs – Toyota RAV4 III. Professionals recommend:

- Replace the brake disks on the car Toyota RAV4 III 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.

REPLACEMENT: BRAKE DISCS – TOYOTA RAV4 III. TAKE THE FOLLOWING STEPS:

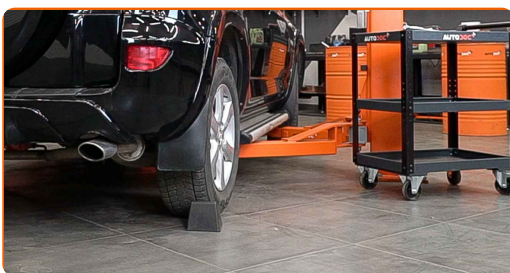
1

Open the bonnet. Unscrew the brake fluid reservoir cap.

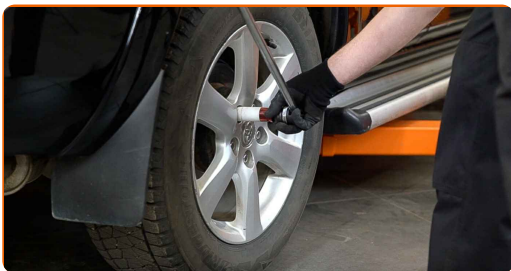


2

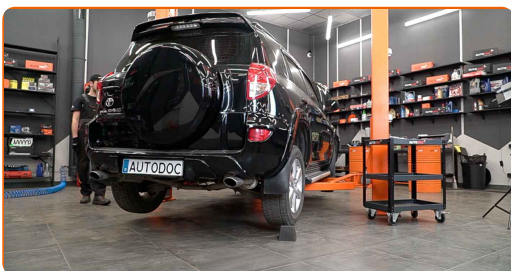
Secure the wheels with chocks.



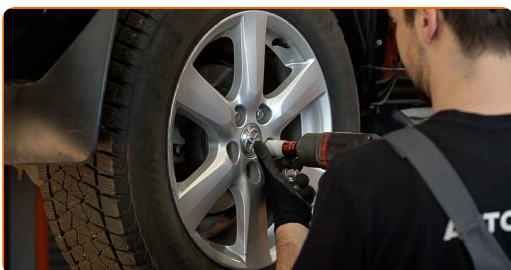
3 Loosen the wheel mounting bolts. Use wheel impact socket #21.



4 Raise the rear of the car and secure on supports.



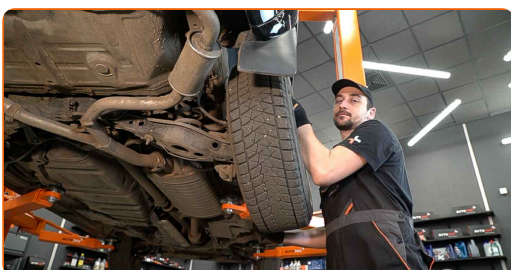
5 Unscrew the wheel bolts.



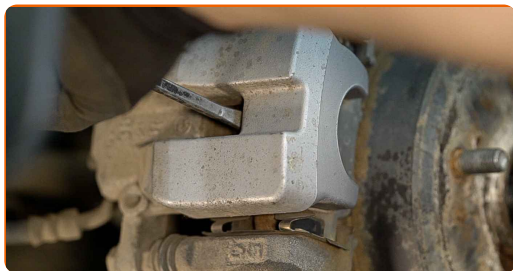
AUTODOC recommends:

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

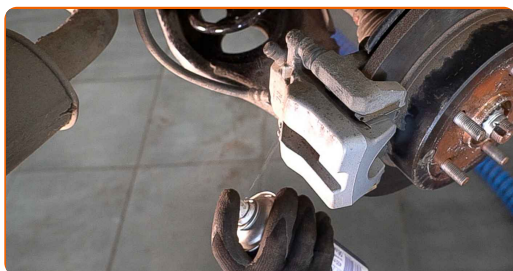
6 Remove the wheel.



7 Spread the brake pads. Use a crowbar.



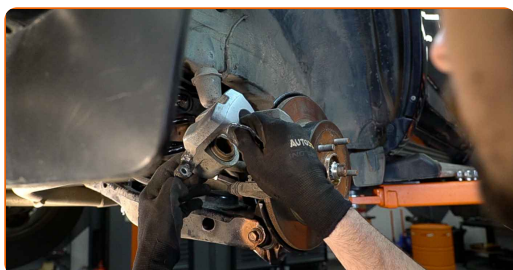
8 Clean the brake caliper fasteners. Use a wire brush. Use WD-40 spray.



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



10 Remove the brake caliper.

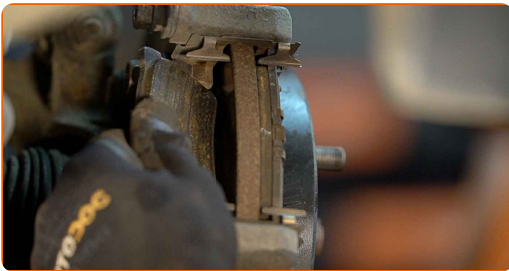


Replacement: brake discs – Toyota RAV4 III. AUTODOC experts recommend:

- 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.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

11

Remove the brake pads.

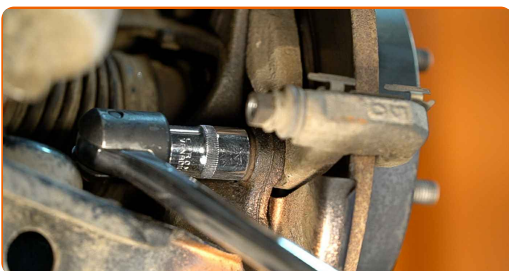


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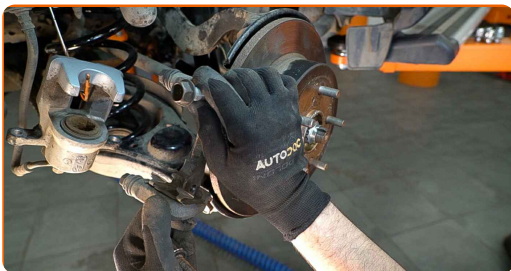
Clean the brake caliper bracket fasteners. Use a wire brush. Use WD-40 spray.

13

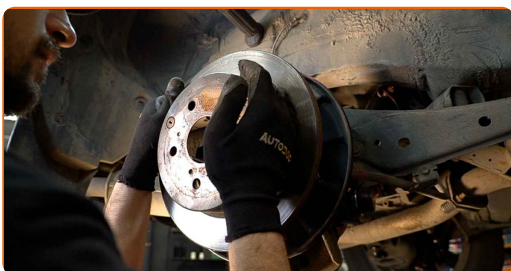
Unscrew the caliper bracket fastening. Use a drive socket #17. Use a tap wrench.



14 Remove the caliper bracket.



15 Remove the brake disc. Use a rubber mallet.



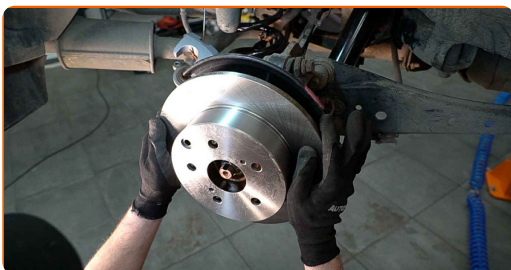
16 Clean the drum brake self-adjuster mechanism. Use a wire brush.

17 Move the parking brake shoes against the drum. Use a crowbar.

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

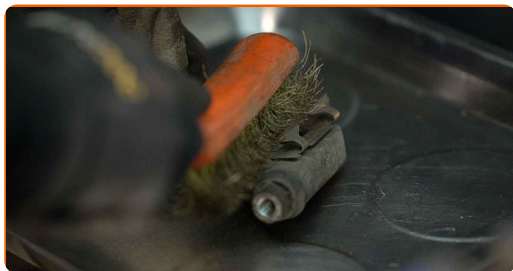


19 Install the brake disc.



20

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

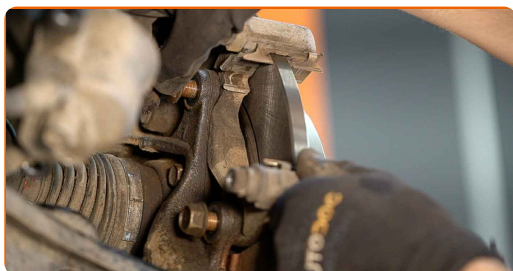


Replacement: brake discs – Toyota RAV4 III. AUTODOC recommends:

- After applying the spray, wait a few minutes.

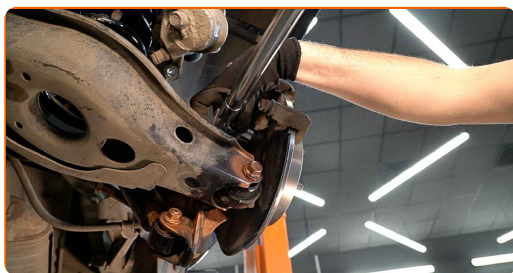
21

Install the brake caliper bracket.



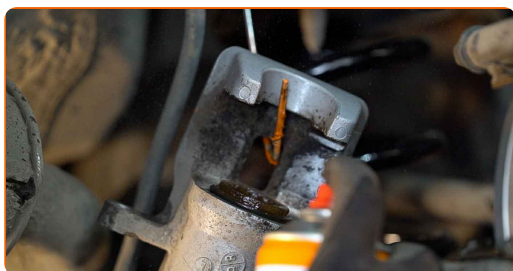
22

Tighten the brake caliper bracket. Use a drive socket #17. Use a torque wrench. Tighten it to 88 Nm torque.



23

Treat the brake caliper piston. Use a brake cleaner.

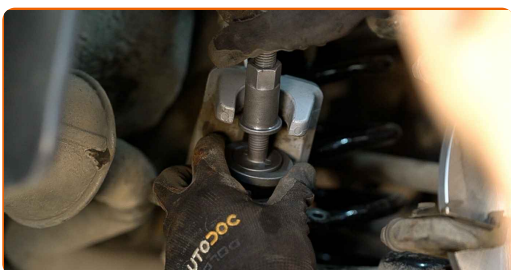


AUTODOC recommends:

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

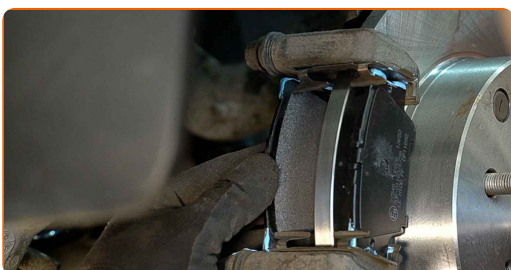
24

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



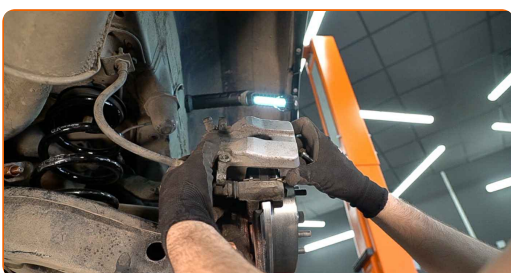
25

Install the brake pads.



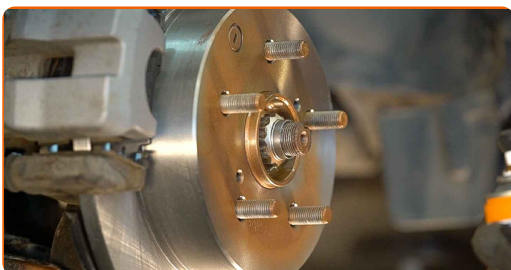
26

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



Replacement: brake discs – Toyota RAV4 III. Tip:

- After applying the spray, wait a few minutes.

29

Install the wheel.



AUTODOC recommends:

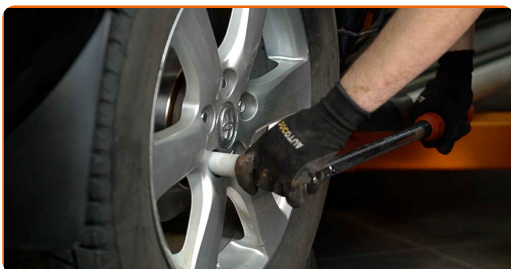
- Important! Hold the wheel while screwing in the fastening bolts. Toyota RAV4 III

30

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



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



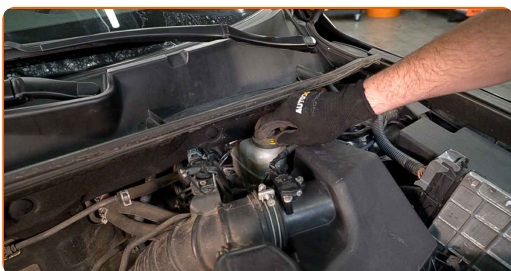
- 32** Remove the jacks and chocks.



AUTODOC recommends:

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

- 33** Tighten the brake fluid reservoir cap.

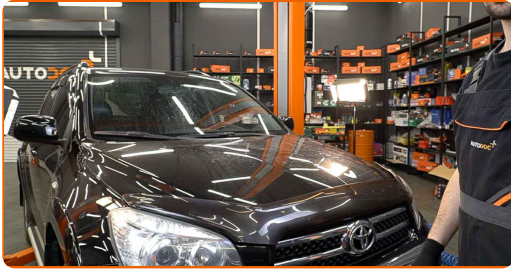


AUTODOC recommends:

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

34

Close the hood.



WELL DONE! 

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