



How to change front  
brake discs 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, TOYOTA RAV 4 II (CLA2\_, XA2\_, ZCA2\_, ACA2\_) 2.0

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The steps may slightly vary depending on the car design.

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



- Wire brush
- Nylon cleaning brush
- WD-40 spray
- All-purpose cleaning spray
- Brake cleaner
- Anti-squeal paste
- Ceramic grease
- Torque wrench
- Combination spanner #14
- Combination spanner #17
- Drive socket # 14
- Wheel impact socket #19
- Ratchet wrench
- Brake caliper wind back tool
- Crow bar
- Wheel chock

**BUY TOOLS**

**AUTODOC recommends:**

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

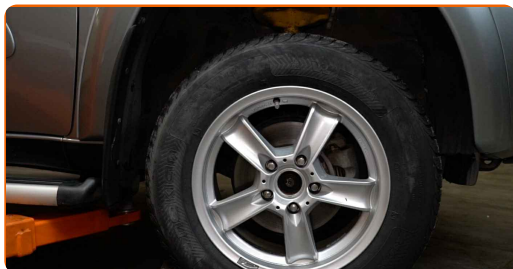
Secure the wheels with chocks.

**3**

Loosen the wheel mounting bolts. Use wheel impact socket #19.



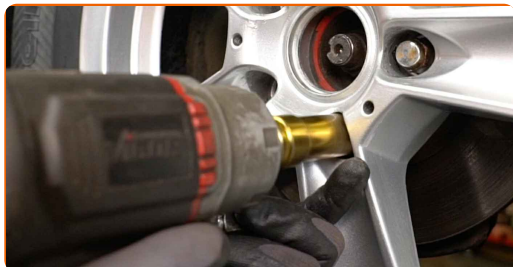
**4** Raise the car.



Replacement: brake discs – Toyota RAV4 II. Tip from AUTODOC experts:

- 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

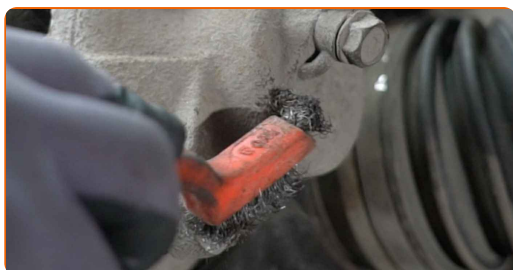
6 Remove the wheel.



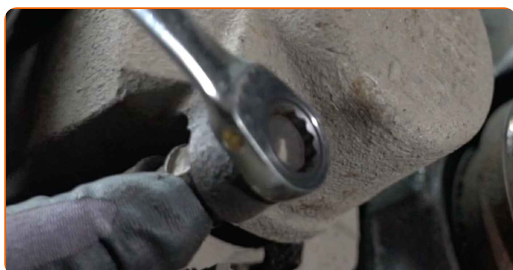
7 Spread the brake pads. Use a crowbar.



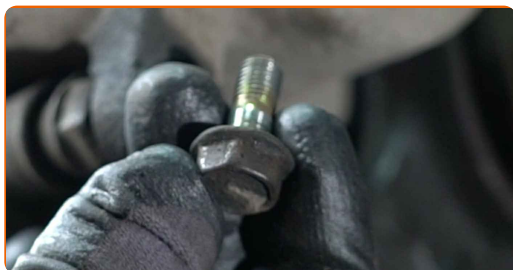
8 Clean the brake caliper fasteners. Use a wire brush. Use WD-40 spray.



9 Unscrew the brake caliper fasteners. Use a combination spanner #14.

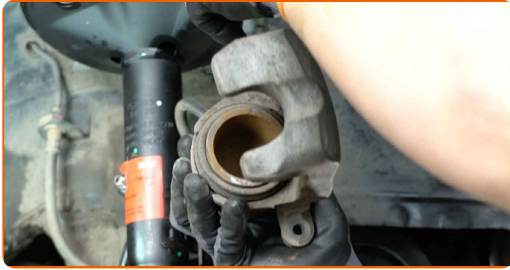


10 Remove the fastening bolts.



**11**

Remove the brake caliper.

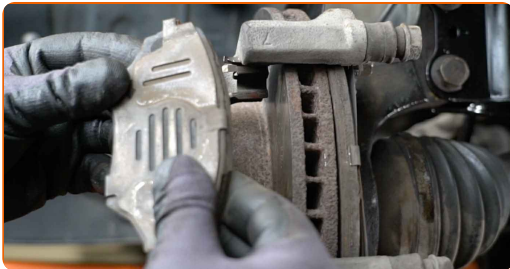


**Replacement: brake discs – Toyota RAV4 II. AUTODOC recommends:**

- 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.

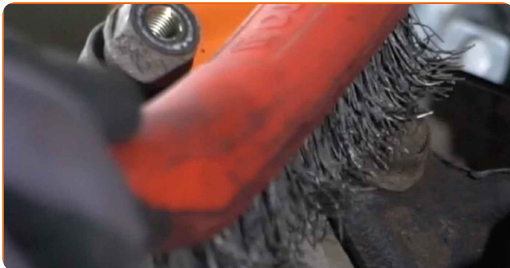
**12**

Remove the brake pads.

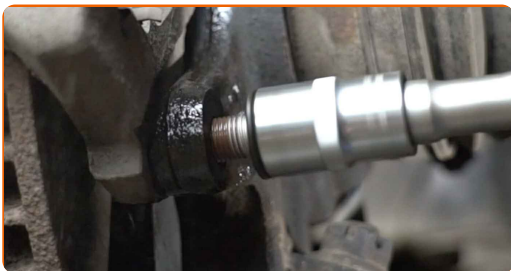


**13**

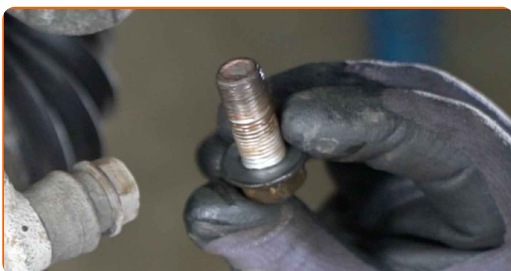
Clean the brake caliper bracket fasteners. Use a wire brush. Use WD-40 spray.



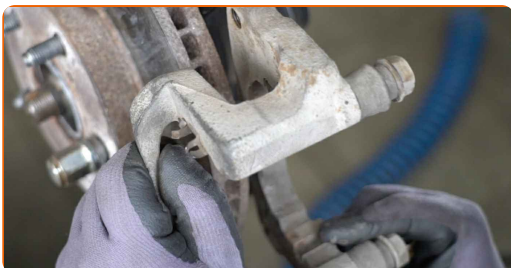
**14** Unscrew the brake caliper bracket fasteners. Use a drive socket #17. Use a ratchet wrench.



**15** Remove the fastening bolts.



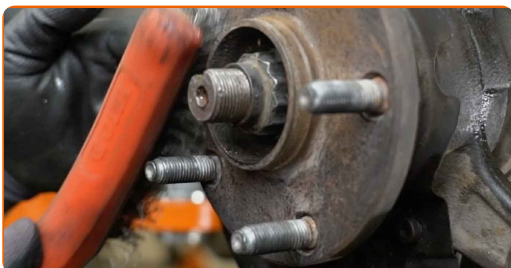
**16** Remove the caliper bracket.



**17** Remove the brake disc.

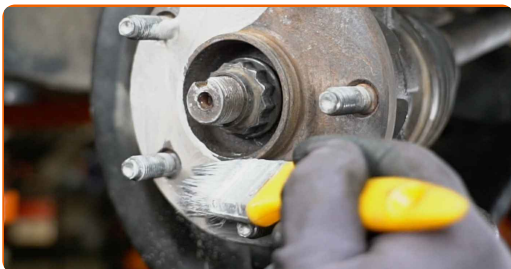


**18** Clean the hub. Use a wire brush. Use all-purpose cleaning spray.





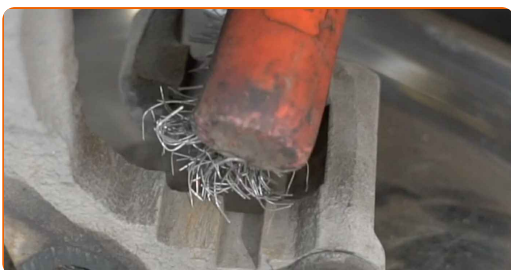
**19** Treat the contacting surface. Use ceramic grease.



**20** Install the brake disc.



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



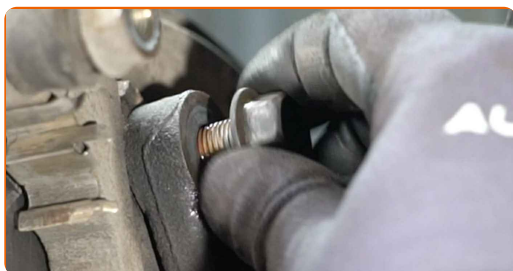
**AUTODOC recommends:**

- Replacement: brake discs – Toyota RAV4 II. After applying the spray, wait a few minutes.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

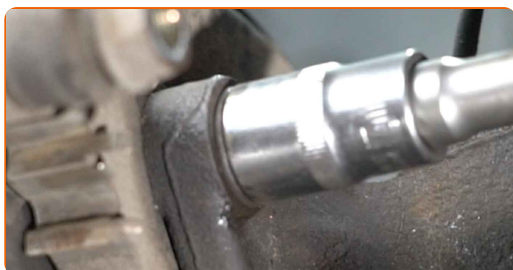
**22** Install the brake caliper bracket.



**23** Install the fastening bolts.



**24** Screw in the fasteners of the brake caliper bracket. Use a drive socket #17. Use a ratchet wrench.



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

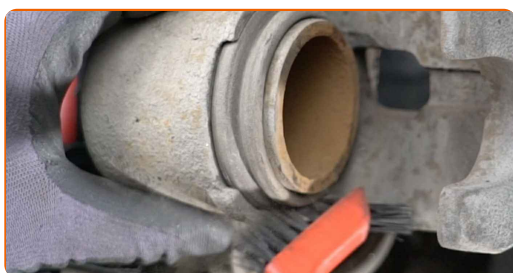
**Replacement: brake discs – Toyota RAV4 II. AUTODOC experts recommend:**

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

**26** Install the brake pads.



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



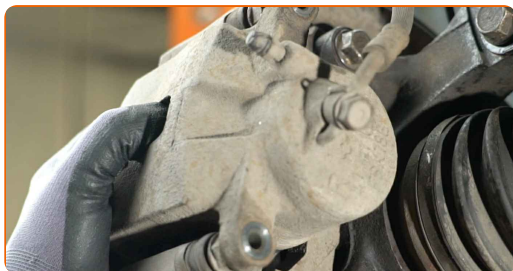
**AUTODOC recommends:**

- After applying the spray, wait a few minutes.

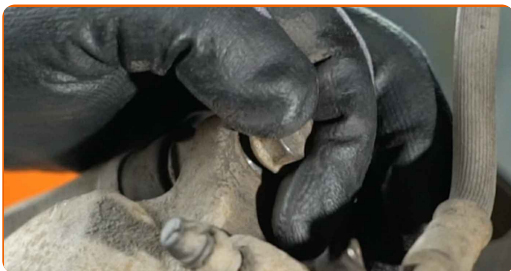
**28** Wind back the brake caliper pistons. Use brake caliper wind back tool.



**29** Install the brake caliper and fix it.



**30** Install the fastening bolts.



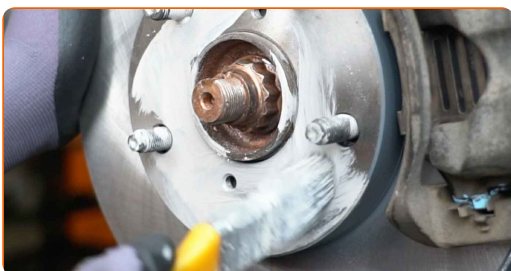
**31** Tighten the brake caliper fasteners. Use a combination spanner #17. Use a drive socket #14. Use a torque wrench. Tighten it to 26 Nm torque.



**32** Tighten the brake caliper bracket fasteners. Use a drive socket #17. Use a torque wrench. Tighten it to 106 nm torque.

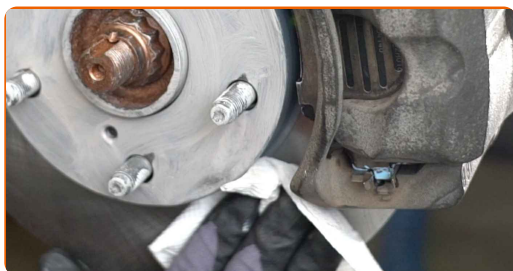


**33** Treat the surface where the brake disc contacts the wheel rim. Use ceramic grease.



34

Clean the brake disk surface. Use a brake cleaner.



**AUTODOC recommends:**

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

35

Install the wheel.

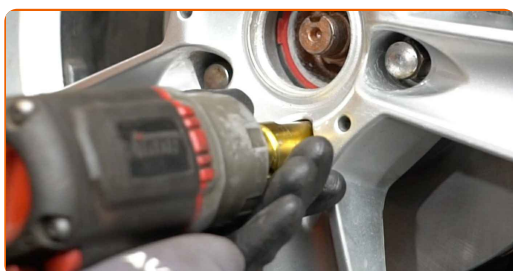


**AUTODOC recommends:**

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

36

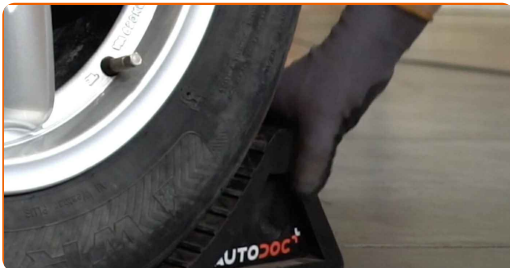
Screw in the wheel bolts. Use wheel impact socket #19.



- 37** 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.



- 38** Remove the jacks and chocks.



**Replacement: brake discs – Toyota RAV4 II. 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.

**39**

Tighten the brake fluid reservoir cap. Close the hood.



**WELL DONE!** 

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