



How to change rear
brake pads on **TOYOTA**
RAV4 IV Off-Road
(XA40) – replacement
guide

SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

Important!

This replacement procedure can be used for:

TOYOTA RAV4 IV Off-Road (XA40) 2.0 4WD, TOYOTA RAV4 IV Off-Road (XA40) 2.0 D (ALA40_), TOYOTA RAV4 IV Off-Road (XA40) 2.0 4WD (ZSA44_), TOYOTA RAV4 IV Off-Road (XA40) 2.2 D 4WD (ALA49), TOYOTA RAV4 IV Off-Road (XA40) 2.0 (ZSA42), TOYOTA RAV4 IV Off-Road (XA40) 2.5 4WD (ASA44), TOYOTA RAV4 IV Off-Road (XA40) 2.0 D 4WD (ALA41_), TOYOTA RAV4 IV Off-Road (XA40) 2.5, TOYOTA RAV4 IV Off-Road (XA40) 2.5 4WD, TOYOTA RAV4 IV Off-Road (XA40) 2.5 Hybrid (AVA42_, AVA44_), TOYOTA RAV4 IV Off-Road (XA40) 2.5 Hybrid 4WD (AVA44_), TOYOTA RAV4 IV Off-Road (XA40) 2.5 Hybrid 4WD, TOYOTA RAV4 IV Off-Road (XA40) 2.0 D-4D (WWA42_), TOYOTA RAV4 IV Off-Road (XA40) 2.5 (ASA42), TOYOTA RAV4 IV Off-Road (XA40) 2.5 Hybrid (AVA42_), (+ 1)

The steps may slightly vary depending on the car design.

This tutorial was created based on the replacement procedure for a similar car part on: TOYOTA RAV4 III Off-Road (XA30) 2.4 (ACA33)

REPLACEMENT: BRAKE PADS – TOYOTA RAV4 IV OFF-ROAD (XA40). 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 IV Off-Road (XA40). AUTODOC recommends:

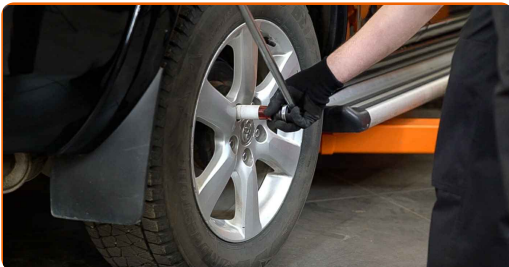
- Perform the replacement of brake pads in complete set for each axis. This provides effective braking.
- The replacement procedure is identical for all brake pads on the same axle.
- Warning! Shut down the engine before starting any work – TOYOTA RAV4 IV Off-Road (XA40).

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

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

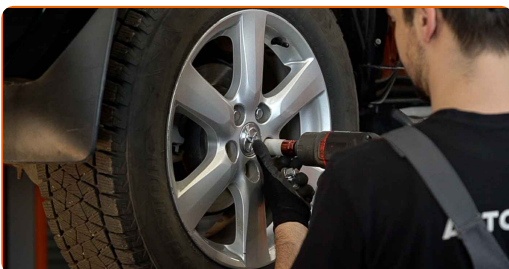
2 Secure the wheels with chocks.

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 IV Off-Road (XA40). AUTODOC experts recommend:

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

6

Remove the wheel.



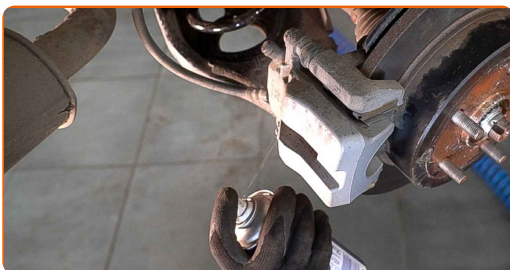
7

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.

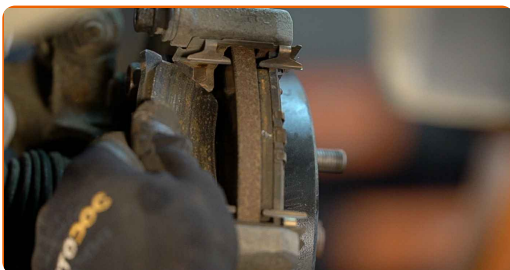


Replacement: brake pads – TOYOTA RAV4 IV Off-Road (XA40). Tip from AUTODOC:

- 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 IV Off-Road (XA40). 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.

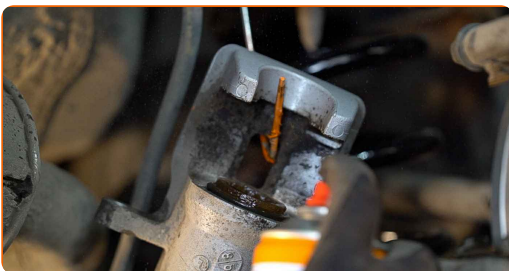


AUTODOC recommends:

- Replacement: brake pads – TOYOTA RAV4 IV Off-Road (XA40). After applying the spray, wait a few minutes.

13

Treat the brake caliper piston. Use a brake cleaner.



Replacement: brake pads – TOYOTA RAV4 IV Off-Road (XA40). 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.

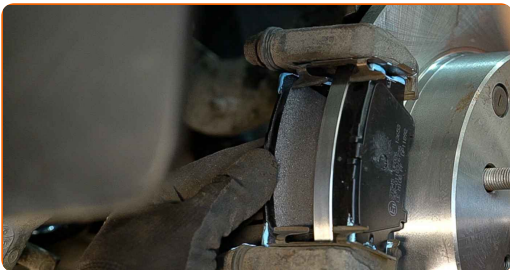


Replacement: brake pads – TOYOTA RAV4 IV Off-Road (XA40). Professionals recommend:

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

16

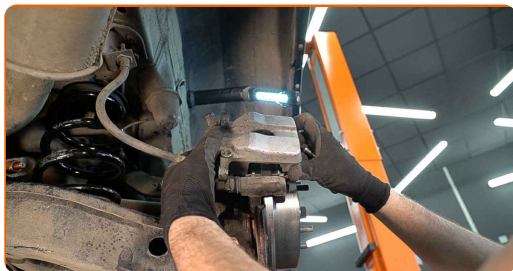
Install new brake pads.



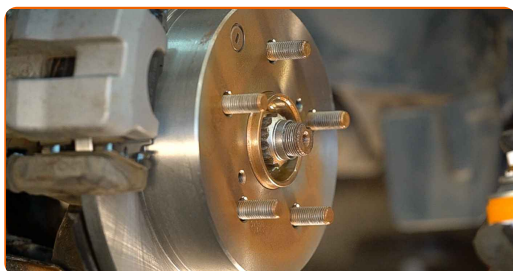
AUTODOC recommends:

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

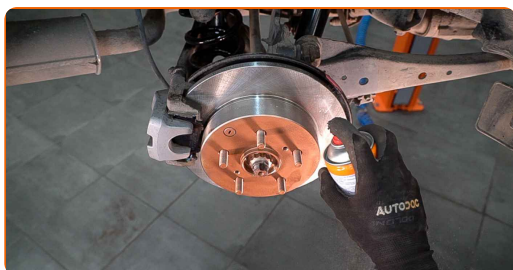
17 Install the brake caliper and fix it. Use a drive socket #14. Use a torque wrench. Tighten it to 27 Nm torque.



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 IV Off-Road (XA40). After applying the spray, wait a few minutes.

20 Install the wheel.



Replacement: brake pads – TOYOTA RAV4 IV Off-Road (XA40). 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 IV Off-Road (XA40). Check the brake fluid level in the reservoir and top up if necessary.

24

Tighten the brake fluid reservoir cap.

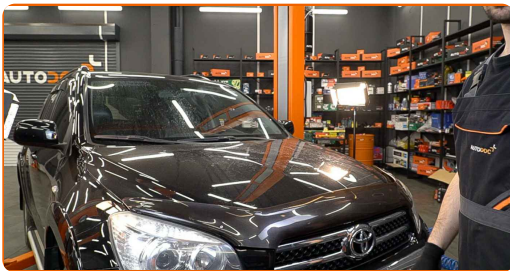


AUTODOC recommends:

- TOYOTA RAV4 IV Off-Road (XA40) – 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 IV Off-Road (XA40). 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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BRAKE PADS: A WIDE SELECTION

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