



How to change rear
brake discs 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!

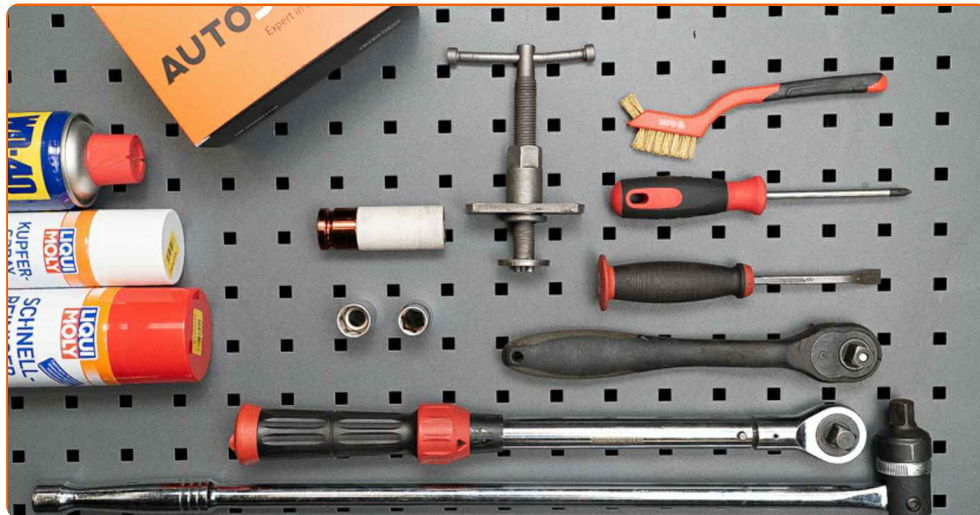
This replacement procedure can be used for:

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 DISCS – TOYOTA RAV4 IV OFF-ROAD (XA40). 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 IV Off-Road (XA40). Professionals recommend:

- Replace the brake disks on the car TOYOTA RAV4 IV Off-Road (XA40) 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 IV OFF-ROAD (XA40). TAKE THE FOLLOWING STEPS:

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

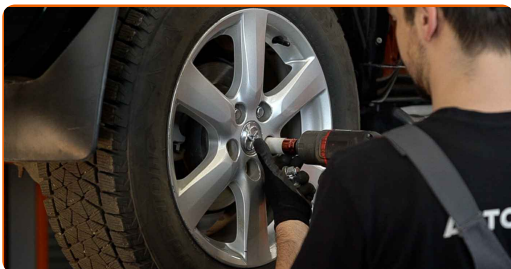
2 Secure the wheels with chocks.

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.



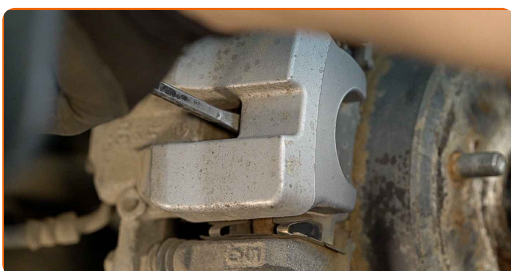
AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.
TOYOTA RAV4 IV Off-Road (XA40)

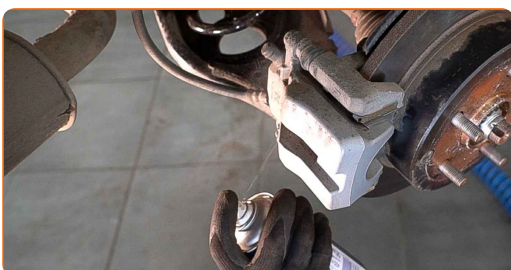
6 Remove the wheel.



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

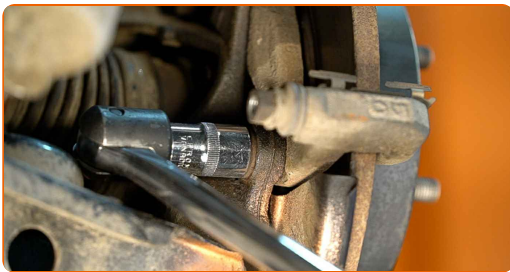
- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, 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.

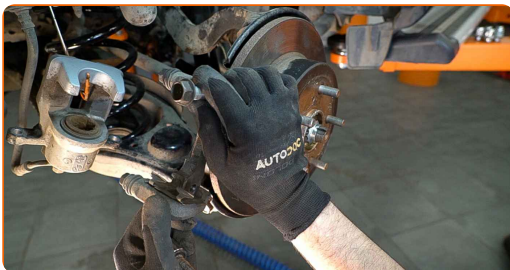


12 Clean the brake caliper bracket fasteners. Use a wire brush. Use WD-40 spray.

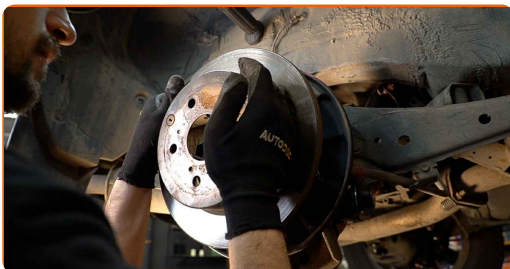
13 Unscrew the caliper bracket fastening. Use a drive socket #17. Use a tap wrench.



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.

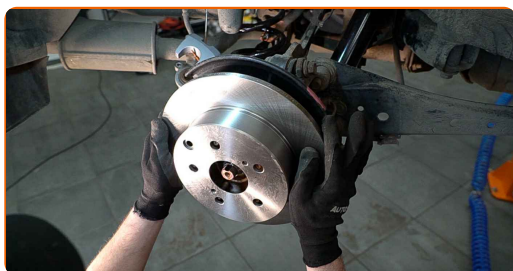
18

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



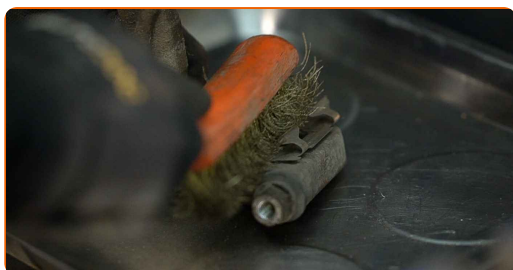
19

Install the brake disc.



20

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

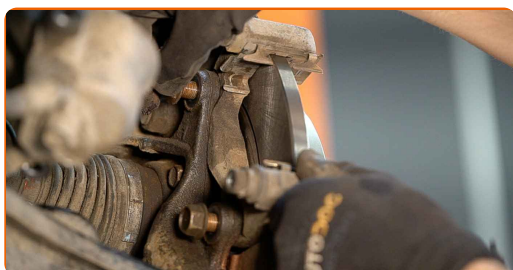


Replacement: brake discs – TOYOTA RAV4 IV Off-Road (XA40). AUTODOC recommends:

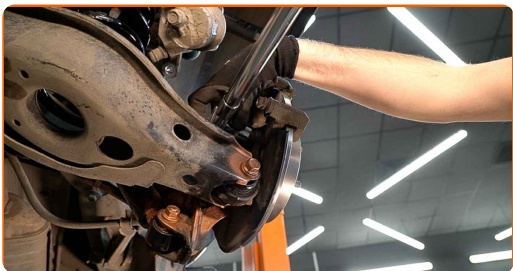
- After applying the spray, wait a few minutes.

21

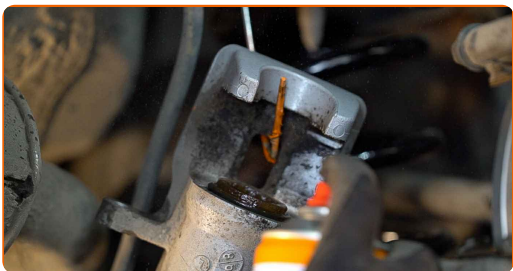
Install the brake caliper bracket.



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



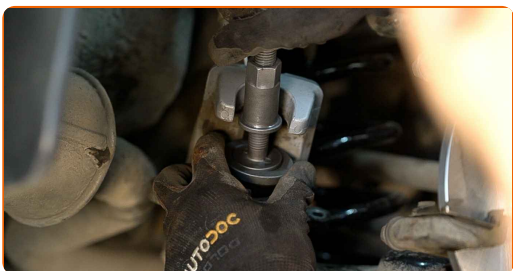
23 Treat the brake caliper piston. Use a brake cleaner.



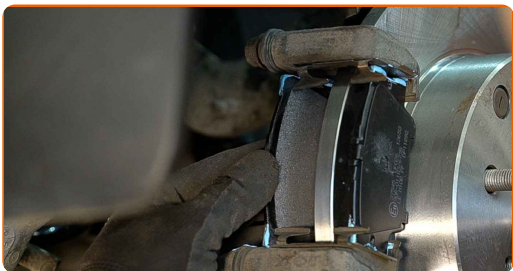
AUTODOC recommends:

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

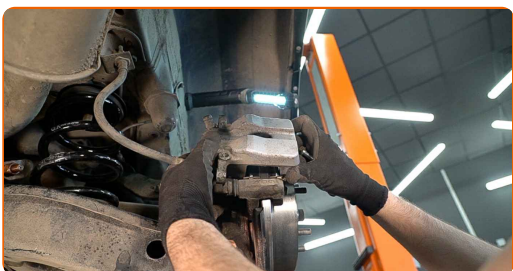
24 Press in the brake caliper piston. Use brake caliper wind back tool.



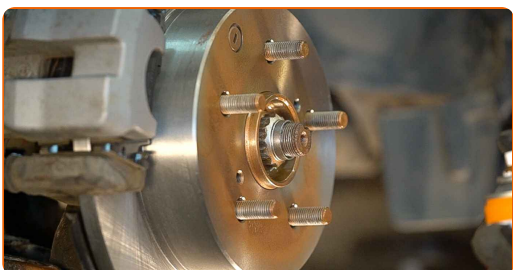
25 Install the brake pads.



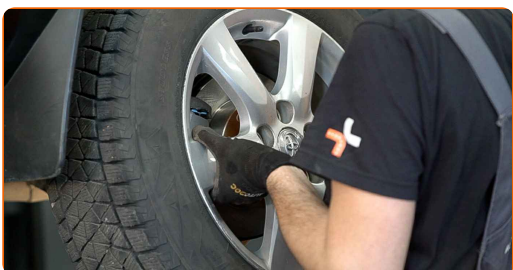
26 Install the brake caliper and fix it. Use a drive socket #14. Use a torque wrench. Tighten it to 27 Nm torque.



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



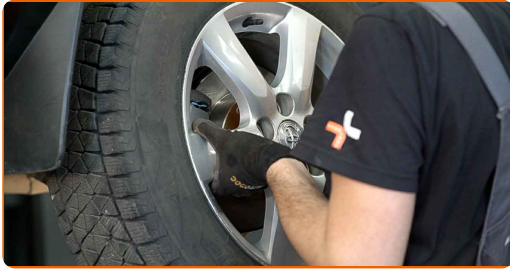
28 Clean the brake disk surface. Use a brake cleaner.



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

- After applying the spray, wait a few minutes.

29 Install the wheel.



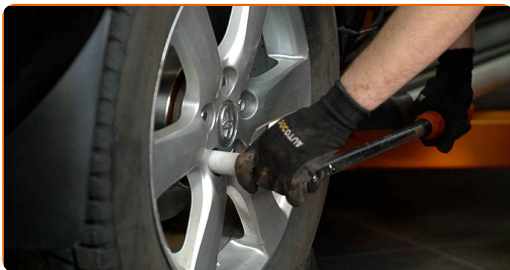
AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts. TOYOTA RAV4 IV Off-Road (XA40)

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.

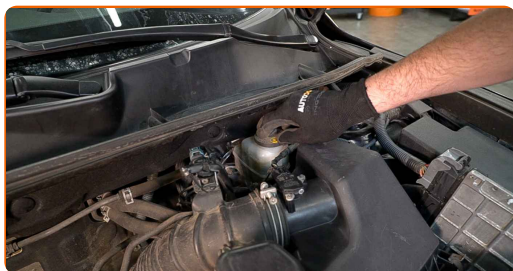


AUTODOC recommends:

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

33

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.

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Close the hood.

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