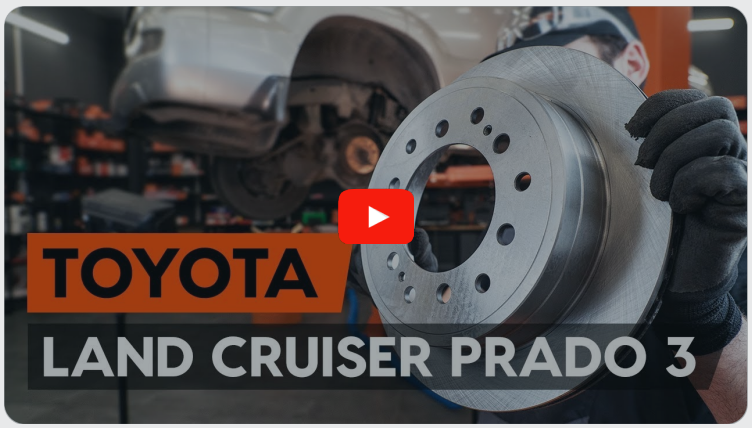
AUTODOC CLUB

How to change rear brake discs on **TOYOTA 4Runner Off-Road (N210)** – 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 4Runner Off-Road (N210) 4.7 4WD, TOYOTA 4Runner Off-Road (N210) 4.0 (GRN210)

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 LAND CRUISER (KDJ12_, GRJ12_) 3.0 D-4D

REPLACEMENT: BRAKE DISCS – TOYOTA 4RUNNER OFF-ROAD (N210). LIST OF THE TOOLS YOU'LL NEED:

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

Buy tools

Replacement: brake discs – TOYOTA 4Runner Off-Road (N210). AUTODOC recommends:

- Replace the brake disks on the car TOYOTA 4Runner Off-Road (N210) 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.
- Warning! Shut down the engine before starting any work – TOYOTA 4Runner Off-Road (N210).

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.

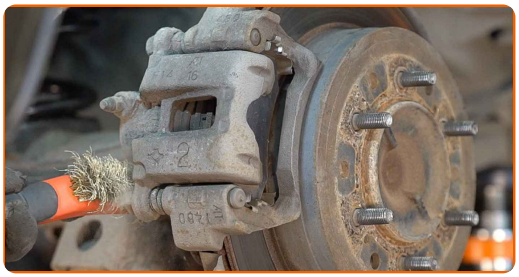
5 Unscrew the wheel bolts.

Replacement: brake discs – TOYOTA 4Runner Off-Road (N210). Tip from AUTODOC:

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

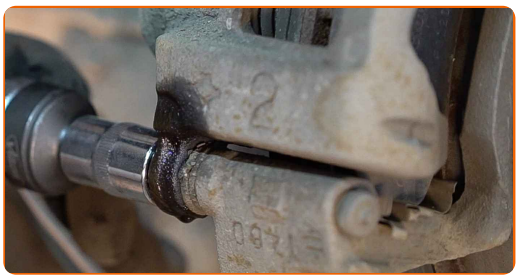
6 Remove the wheel.

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



8 Spread the brake pads. Use a crowbar.

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



10 Remove the brake caliper.

AUTODOC recommends:

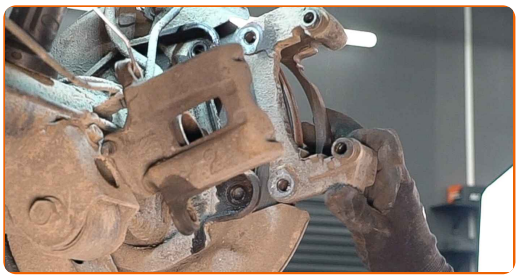
- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result,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

11 Remove the brake pads. Use a crowbar.

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.

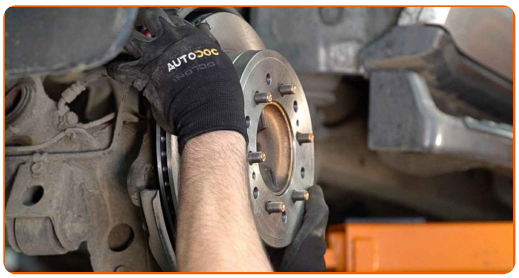


15 Clean the brake disk surface. Use a wire brush. Use WD-40 spray.

16 Remove the brake disc. Use a crowbar. Use a rubber mallet.

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

18 Install the brake disc.



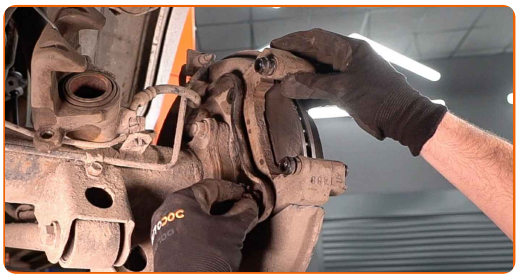
19 Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use a brake cleaner.

AUTODOC recommends:

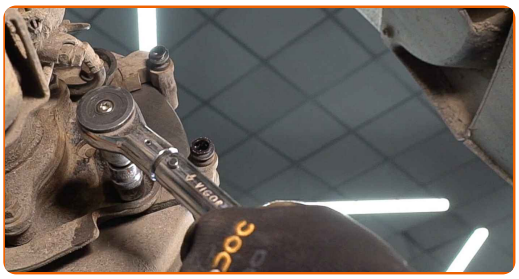
- Replacement: brake discs – TOYOTA 4Runner Off-Road (N210). After applying the spray, wait a few minutes.

20 Remove the retaining springs of the brake pads.

21 Install the brake caliper bracket.



22 Tighten the brake caliper bracket. Use a drive socket #17. Use a torque wrench. Tighten it to 105 Nm torque.



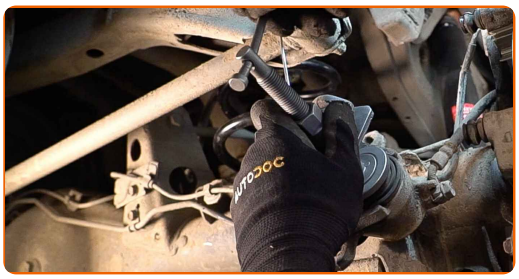
23 Install the retaining springs of the brake pads.

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

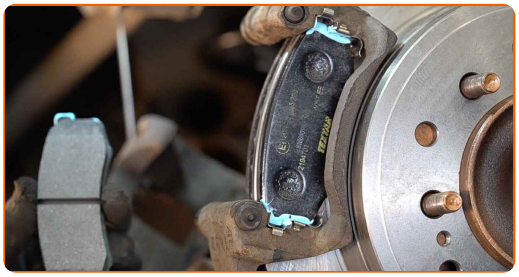
Replacement: brake discs – TOYOTA 4Runner Off-Road (N210). Professionals recommend:

- After applying the spray, wait a few minutes.

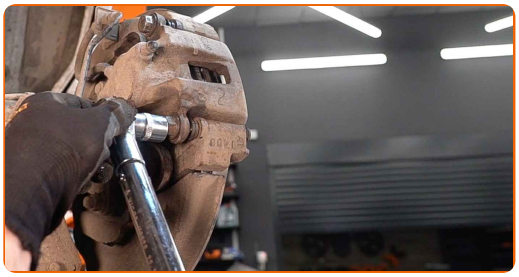
25 Press in the brake caliper piston. Use brake caliper wind back tool.



26 Install the brake pads.



27 Install the brake caliper and fix it. Use a drive socket #17. Use a torque wrench. Tighten it to 88 Nm torque.



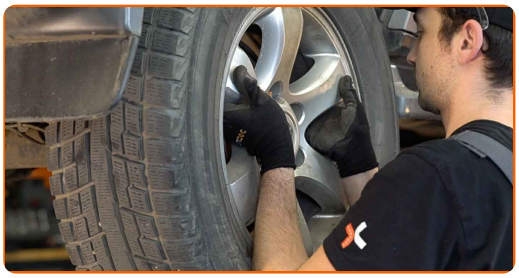
28 Treat the surface where the brake disc contacts the wheel rim. Use copper grease.

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

AUTODOC recommends:

- Replacement: brake discs – TOYOTA 4Runner Off-Road (N210). After applying the spray, wait a few minutes.

30 Install the wheel.



Replacement: brake discs – TOYOTA 4Runner Off-Road (N210). Tip from AUTODOC experts:

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

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

32 Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 112 Nm torque.

33 Remove the jacks and chocks.

Replacement: brake discs – TOYOTA 4Runner Off-Road (N210). AUTODOC recommends:

- Check the brake fluid level in the expansion tank and refill if necessary.

34 Tighten the brake fluid reservoir cap.

AUTODOC recommends:

- TOYOTA 4Runner Off-Road (N210) – Press the brake pedal several times with the engine shut down until you feel the resistance built up.

35 Close the hood.

WELL DONE!

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