



How to change front
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!

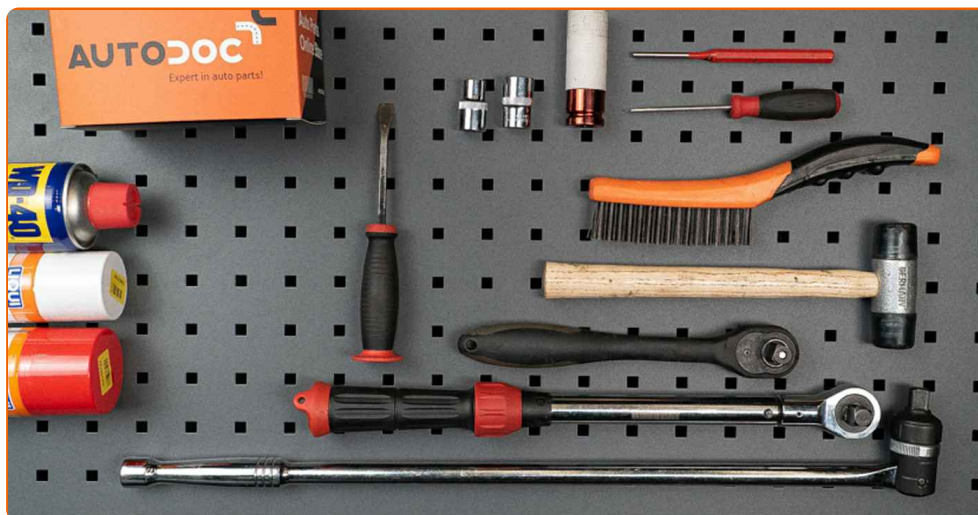
This replacement procedure can be used for:

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
- Brake cleaner
- Copper grease
- Drive socket # 12
- Drive socket # 17
- Wheel impact socket #21
- Ratchet wrench
- Torque wrench
- Flat Screwdriver
- Pin punch
- Tap wrench
- Rubber mallet
- Crow bar
- Wheel chock

Buy tools

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

- 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.
- All work should be done with the engine stopped.

REPLACEMENT: BRAKE DISCS – TOYOTA 4RUNNER OFF-ROAD (N210). USE THE FOLLOWING PROCEDURE:

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 front of the car and secure on supports.

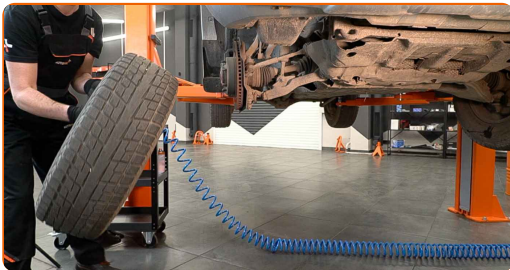
5 Unscrew the wheel bolts.



AUTODOC recommends:

- Important! Hold the wheel while unscrewing the fastening bolts. TOYOTA 4Runner Off-Road (N210)

6 Remove the wheel.



7 Clean the brake pads fasteners. Use a wire brush. Use a brake cleaner.

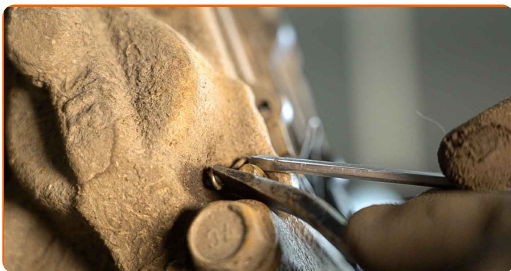


Replacement: brake discs – TOYOTA 4Runner Off-Road (N210). Tip:

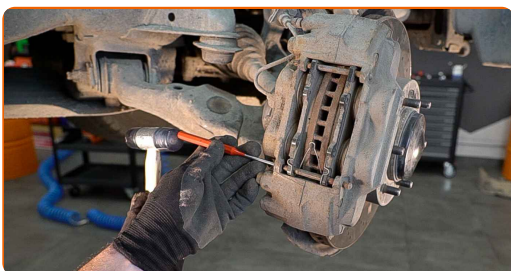
- After applying the spray, wait a few minutes.

8

Remove the brake pads retaining clips. Use a crowbar. Use a flat screwdriver.

**9**

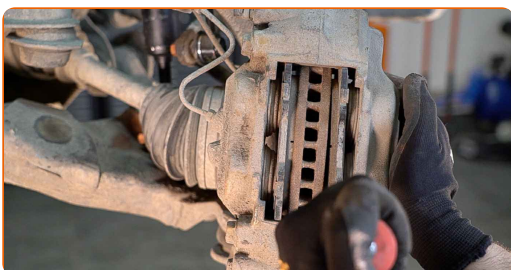
Remove the retainer of the brake pads. Use a pin punch. Use a rubber mallet.

**10**

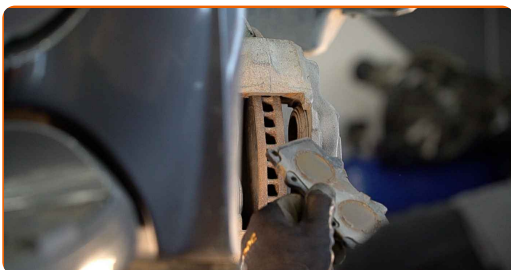
Remove the retaining spring of the brake pads.

**11**

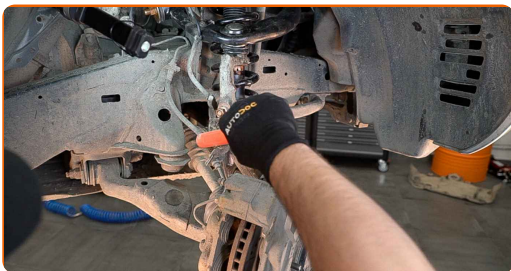
Spread the brake pads. Use a crowbar.

**12**

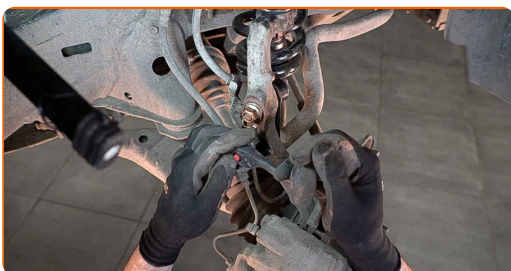
Remove the brake pads.



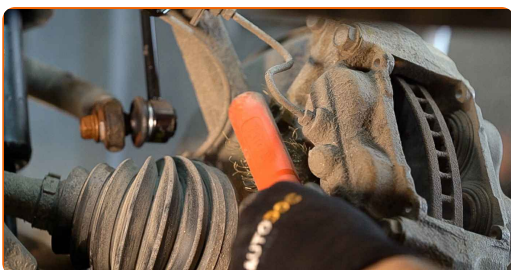
13 Clean the brake hose bracket fasteners. Use a wire brush. Use WD-40 spray.



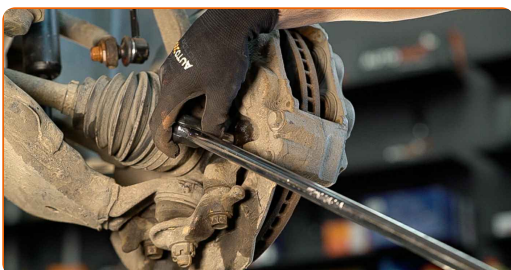
14 Disconnect the brake hose mounting bracket. Use a drive socket #12. Use a ratchet wrench.



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

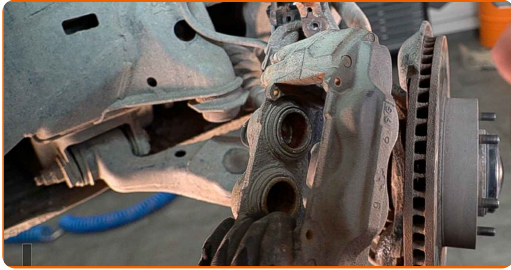


16 Unscrew the brake caliper fastening. Use a drive socket #17. Use a tap wrench.



17

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.

18

Clean the brake disk surface. Use WD-40 spray.



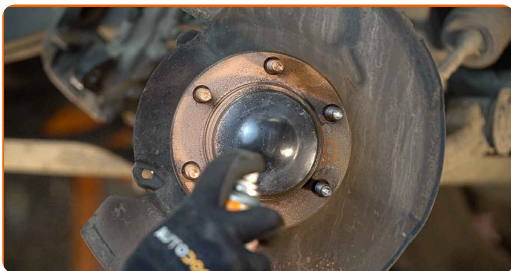
19

Remove the brake disc. Use a rubber mallet.



20

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



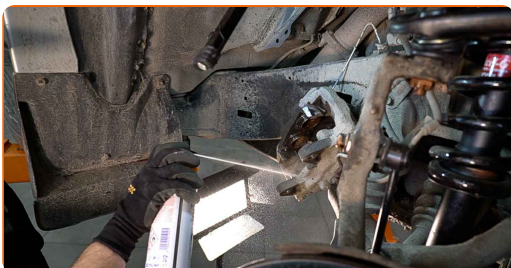
21

Install the brake disc.



22

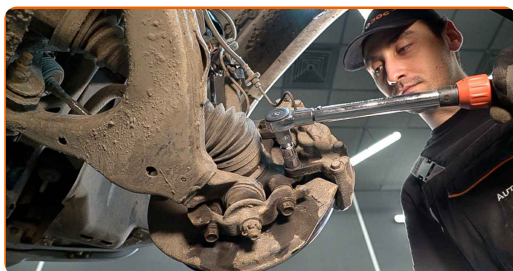
Treat the brake caliper piston. Use a brake cleaner.



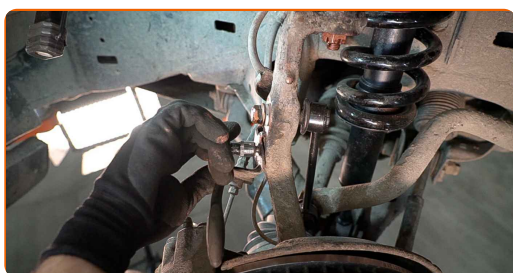
AUTODOC recommends:

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

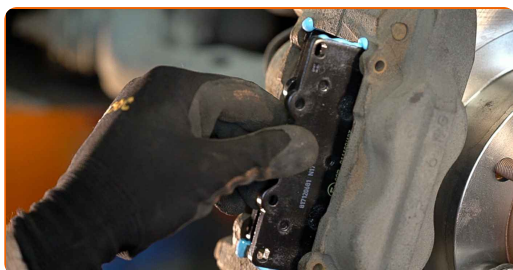
23 Install the brake caliper and fix it. Use a drive socket #17. Use a torque wrench. Tighten it to 123 Nm torque.



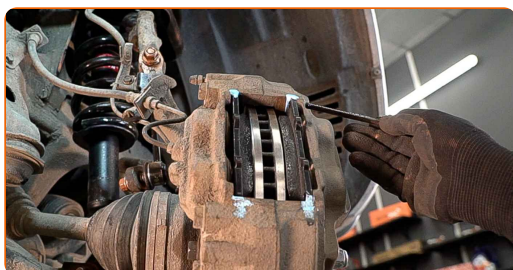
24 Secure the brake hose fastening bracket. Use a drive socket #12. Use a ratchet wrench.



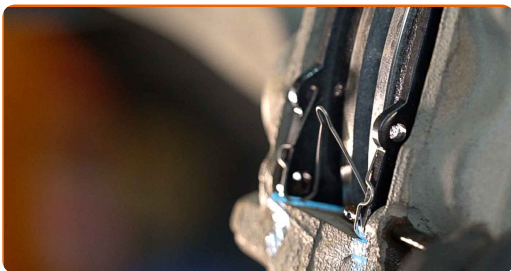
25 Install the brake pads.



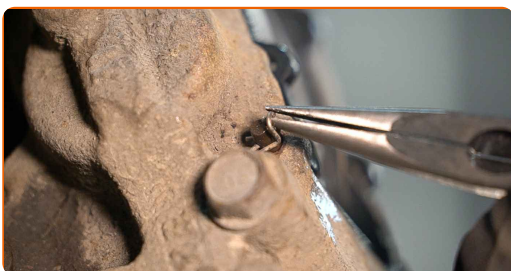
26 Install the retainer of the brake pads. Use a crowbar. Use a rubber mallet.



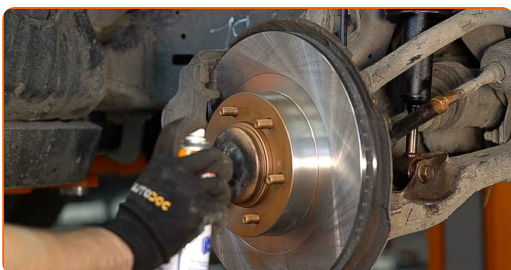
27 Install the retaining spring of the brake pads.



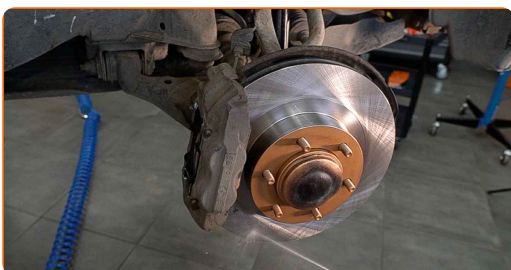
28 Install the brake pads retaining clips.



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



30 Clean the brake disc surface. Use a brake cleaner.



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

- After applying the spray, wait a few minutes.

31 Install the wheel.



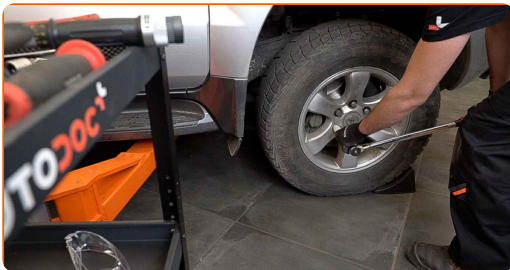
Replacement: brake discs – TOYOTA 4Runner Off-Road (N210). Tip from AUTODOC experts:

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

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



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



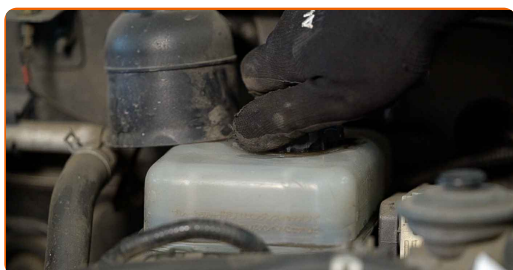
34 Remove the jacks and chocks.

AUTODOC recommends:

- Important! Replacement: brake discs – TOYOTA 4Runner Off-Road (N210). Check the brake fluid level in the reservoir and top up if necessary.

35

Tighten the brake fluid reservoir cap.



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

- Without starting the engine, press the brake pedal several times until you feel significant resistance.

36

Close the hood.

WELL DONE! [VIEW MORE TUTORIALS](#)

AUTODOC – TOP QUALITY AND AFFORDABLE CAR PARTS ONLINE

AUTODOC MOBILE APP: GREAT DEALS AND CONVENIENT SHOPPING



+ AUTODOC

GET IT ON
Google Play

 Download on the
App Store

Download

A GREAT SELECTION OF SPARE PARTS FOR YOUR CAR

BRAKE DISCS: A WIDE SELECTION

DISCLAIMER:

The document contains only general recommendations that may be useful for you when you perform repair or replacement work. AUTODOC shall not be liable for any loss, injury, damage of property occurring in the repair or replacement process due to incorrect use or misinterpretation of the provided information.

AUTODOC shall not be liable for any possible mistakes and uncertainties in this guide. The information provided is for information purposes only and cannot replace advice from specialists.

AUTODOC shall not be liable for incorrect or hazardous usage of equipment, tools and car parts. AUTODOC strongly recommends to be careful and observe the safety rules when performing repair or replacement works. Remember: usage of low quality auto parts does not guarantee you the appropriate level of road safety.

© Copyright 2023 – All the contents of this website, in particular texts, photographs and graphics, are protected by copyright. All rights, including reproduction, publication, editing and translation rights, are reserved by AUTODOC SE.