



How to change rear  
brake discs on **TOYOTA**  
**AURIS (NZE18\_, ZRE18\_)** –  
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 AURIS (NZE18\_, ZRE18\_) 1.8

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 AURIS (NRE15\_, ZZE15\_, ADE15\_, ZRE15\_, NDE15\_) 1.8 Hybrid (ZWE150\_)

REPLACEMENT: BRAKE DISCS – TOYOTA AURIS  
(NZE18\_, ZRE18\_). TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #14
- Combination spanner #17
- Drive socket # 14
- Wheel impact socket #21
- Brake caliper wind back tool
- Ratchet wrench
- Torque wrench
- Tap wrench
- Water pump pliers
- Rubber mallet
- Crow bar
- Wheel chock

**Buy tools**

Replacement: brake discs – TOYOTA AURIS (NZE18\_, ZRE18\_). Tip from AUTODOC experts:

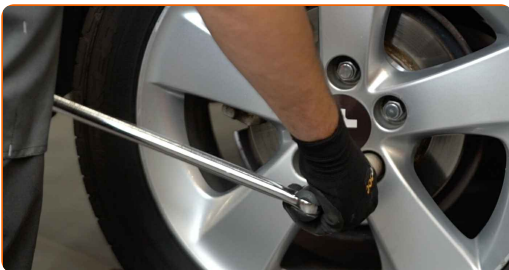
- Replace the brake disks on the car TOYOTA AURIS (NZE18\_, ZRE18\_) in complete set for each axis. Regardless of the state of components. This will ensure even braking.
- The replacement procedure is identical for both brake disks on the same axle.
- When changing the brake discs, always replace the brake pads.
- All work should be done with the engine stopped.

## REPLACEMENT: BRAKE DISCS – TOYOTA AURIS (NZE18\_, ZRE18\_). 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:**

- 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

Detach the parking brake cable from the bracket on the brake caliper. Use water pump pliers.



9

Unscrew the brake caliper fastening. Use a combination spanner #14. Use a combination spanner #17.



10

Spread the brake pads. Use a crowbar.

11

Remove the brake caliper.



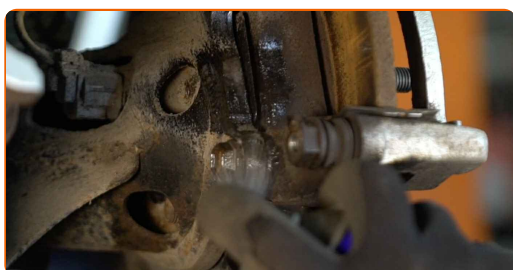
**Replacement: brake discs – TOYOTA AURIS (NZE18\_, ZRE18\_). Tip:**

- 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.

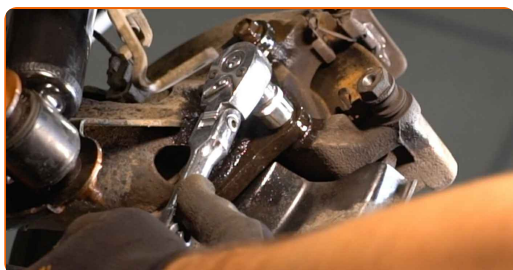
**12** Remove the brake pads.



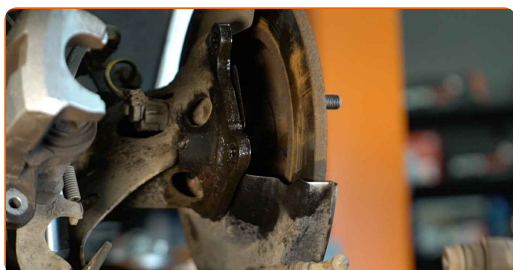
**13** Clean the brake caliper bracket fasteners. Use a wire brush. Use WD-40 spray.



**14** Unscrew the caliper bracket fastening. Use a drive socket #14. Use a tap wrench. Use a ratchet wrench.

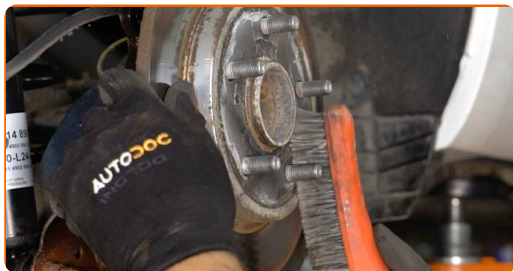


**15** Remove the caliper bracket.

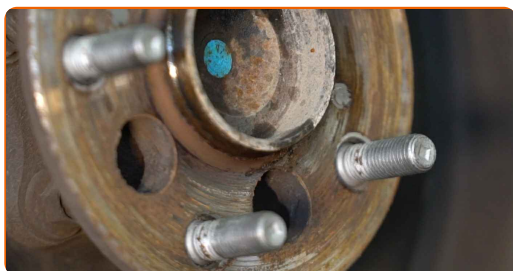


**16**

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

**17**

Remove the brake disc. Use a rubber mallet.

**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.

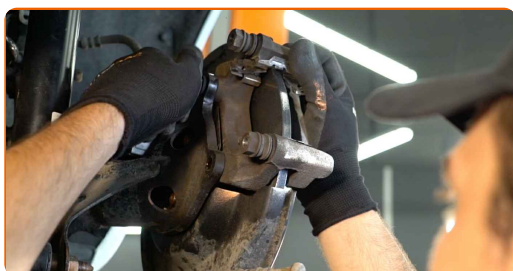


**AUTODOC recommends:**

- Replacement: brake discs – TOYOTA AURIS (NZE18\_, ZRE18\_). After applying the spray, wait a few minutes.

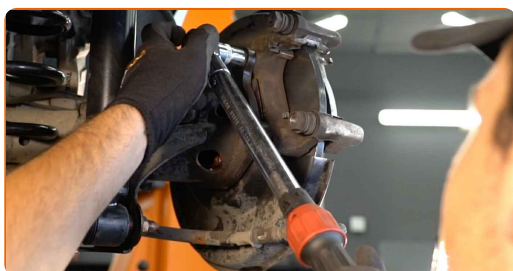
21

Install the brake caliper bracket.



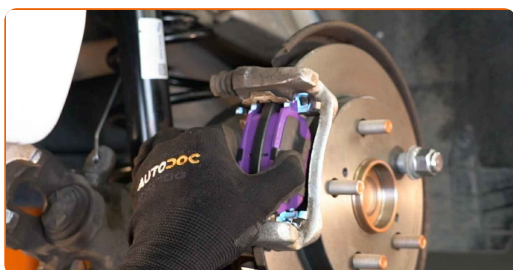
22

Tighten the brake caliper bracket. Use a drive socket #14. Use a torque wrench. Tighten it to 57 Nm torque.



23

Install the brake pads.



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

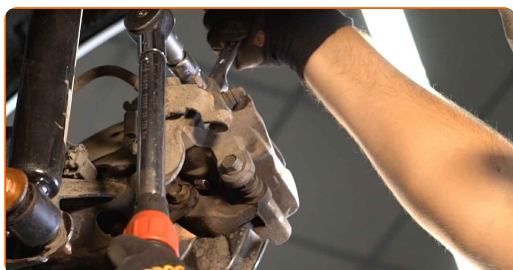
Replacement: brake discs – TOYOTA AURIS (NZE18\_, ZRE18\_). AUTODOC recommends:

- After applying the spray, wait a few minutes.

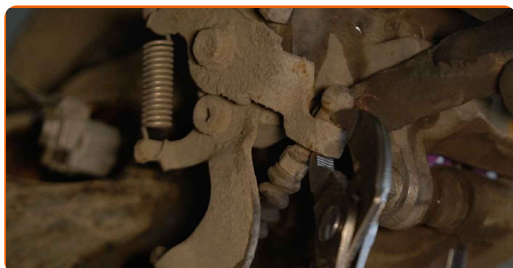
**25** Press in the brake caliper piston. Use brake caliper wind back tool.



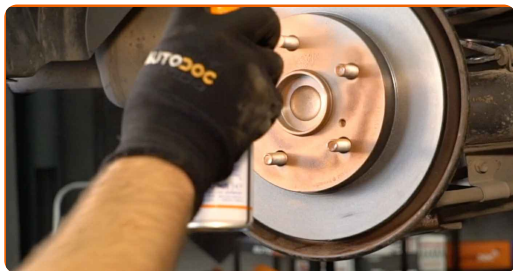
**26** Install the brake caliper and fix it. Use a combination spanner #17. Use a drive socket #14. Use a torque wrench. Tighten it to 35 Nm torque.



**27** Install the parking brake cable into the brake caliper bracket.



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



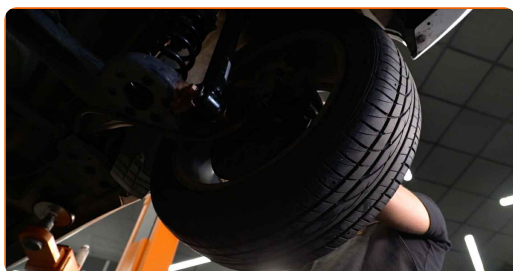
**29** Clean the brake disk surface. Use a brake cleaner.



Replacement: brake discs – TOYOTA AURIS (NZE18\_, ZRE18\_). AUTODOC experts recommend:

- After applying the spray, wait a few minutes.

**30** Install the wheel.



AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts. TOYOTA AURIS (NZE18\_, ZRE18\_)

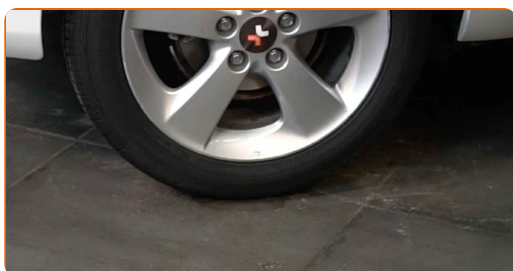
**31** Screw in the wheel bolts. Use wheel impact socket #21.



**32** Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #21. Use a torque wrench. Tighten it to 103 Nm torque.



**33** Remove the jacks and chocks.



**AUTODOC recommends:**

- Important! Replacement: brake discs – TOYOTA AURIS (NZE18\_, ZRE18\_). Check the brake fluid level in the reservoir and top up if necessary.

34

Tighten the brake fluid reservoir cap.



### AUTODOC recommends:

- TOYOTA AURIS (NZE18\_, ZRE18\_) – Press the brake pedal several times with the engine shut down until you feel the resistance built up.

35

Close the hood.

**WELL DONE!** 

[VIEW MORE TUTORIALS](#)

# AUTODOC – TOP QUALITY AND AFFORDABLE CAR PARTS ONLINE

**AUTODOC MOBILE APP: GREAT DEALS AND CONVENIENT SHOPPING**



**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.