



How to change front  
brake discs on **Toyota**  
**Auris E15** – replacement  
guide

## VIDEO TUTORIAL

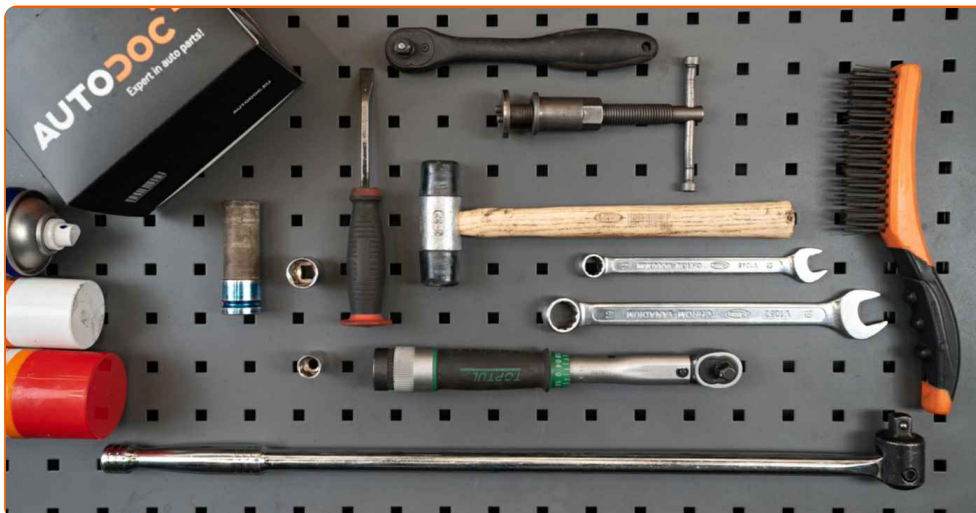
** Important!**

This replacement procedure can be used for:

TOYOTA AURIS (NRE15\_, ZZE15\_, ADE15\_, ZRE15\_, NDE15\_) 1.8 (ZRE152\_), TOYOTA AURIS (NRE15\_, ZZE15\_, ADE15\_, ZRE15\_, NDE15\_) 1.8 4WD (ZRE154\_), TOYOTA AURIS (NRE15\_, ZZE15\_, ADE15\_, ZRE15\_, NDE15\_) 1.5 (NZE151\_), TOYOTA AURIS (NRE15\_, ZZE15\_, ADE15\_, ZRE15\_, NDE15\_) 1.5 4WD (NZE154\_), TOYOTA AURIS (NRE15\_, ZZE15\_, ADE15\_, ZRE15\_, NDE15\_) 1.4 D-4D (NDE150\_), TOYOTA AURIS (NRE15\_, ZZE15\_, ADE15\_, ZRE15\_, NDE15\_) 1.6 (ZRE151\_), TOYOTA AURIS (NRE15\_, ZZE15\_, ADE15\_, ZRE15\_, NDE15\_) 1.4 (ZZE150\_), TOYOTA AURIS (NRE15\_, ZZE15\_, ADE15\_, ZRE15\_, NDE15\_) 1.8 (ZRE152\_, ZZE122), TOYOTA AURIS (NRE15\_, ZZE15\_, ADE15\_, ZRE15\_, NDE15\_) 1.33 Dual-VVTi (NRE150\_), TOYOTA COROLLA Saloon (E15\_) 1.4 D-4D

The steps may slightly vary depending on the car design.

REPLACEMENT: BRAKE DISCS – TOYOTA AURIS E15.  
TOOLS YOU MIGHT NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #13
- Combination spanner #19
- Drive socket # 13
- Drive socket # 17
- Wheel impact socket #21
- Brake caliper wind back tool
- Ratchet wrench
- Torque wrench
- Tap wrench
- Crow bar
- Rubber mallet
- Wheel chock

**BUY TOOLS**

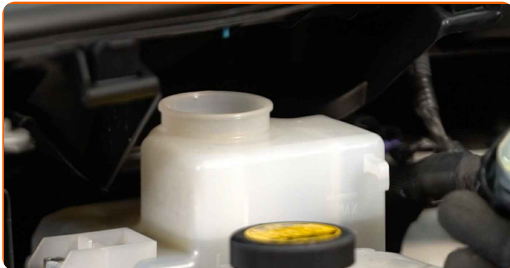
Replacement: brake discs – Toyota Auris E15. AUTODOC recommends:

- Replace the brake disks on the car Toyota Auris E15 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.
- Please note: all work on the car – Toyota Auris E15 – should be done with the engine switched off.

**CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:**

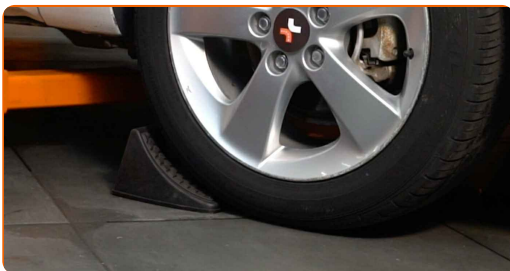
1

Open the bonnet. Unscrew the brake fluid reservoir cap.

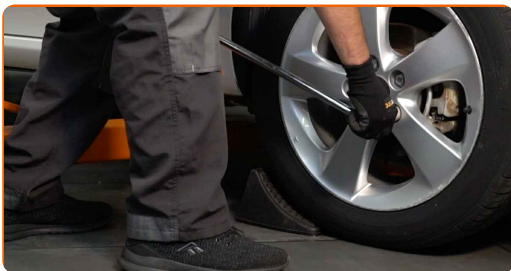


2

Secure the wheels with chocks.



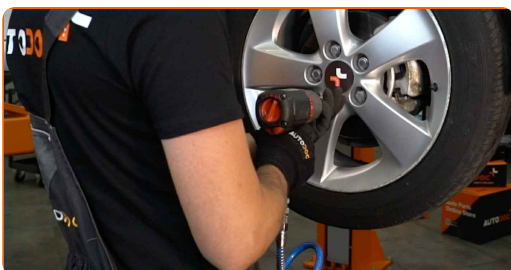
**3** Loosen the wheel mounting bolts. Use wheel impact socket #21.



**4** Raise the 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 Auris E15

**6** Remove the wheel.



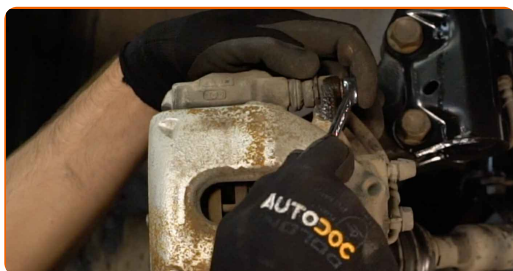
7

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



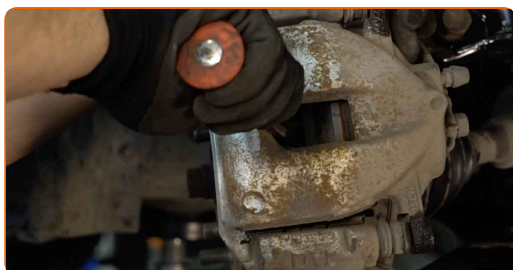
8

Unscrew the brake caliper fastening. Use a combination spanner #13. Use a combination spanner #19.



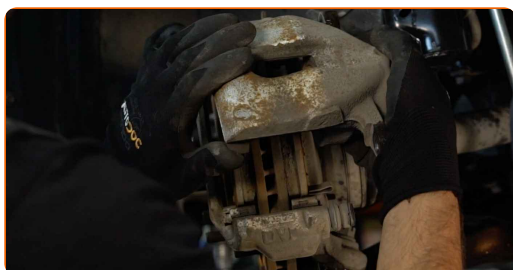
9

Spread the brake pads. Use a crowbar.



10

Remove the brake caliper.



Replacement: brake discs – Toyota Auris E15. Professionals 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.





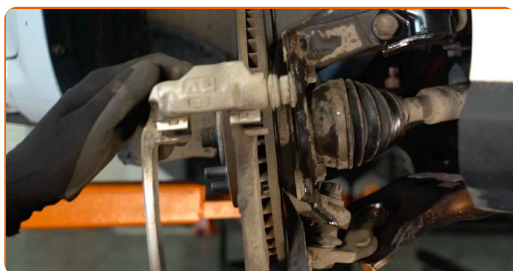
13

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



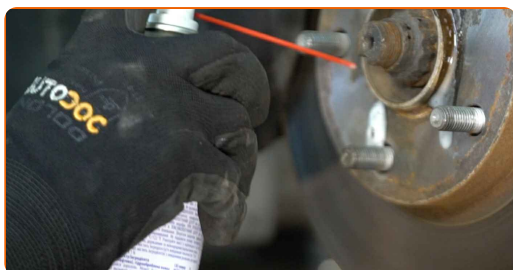
14

Remove the caliper bracket.



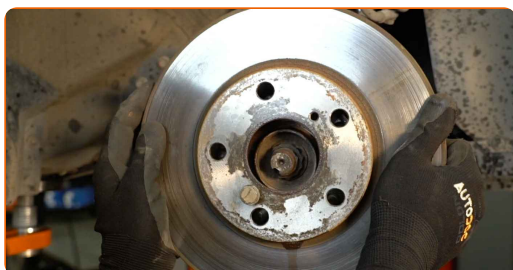
15

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



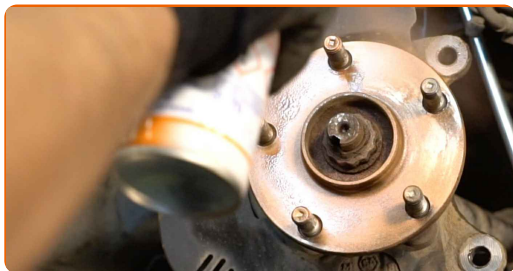
16

Remove the brake disc. Use a rubber mallet.

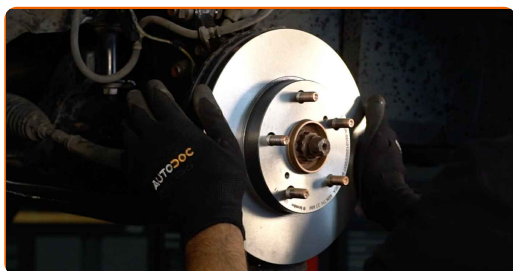




**17** Clean the hub. Use a wire brush. Treat the contacting surface. Use copper grease.



**18** Install the brake disc.



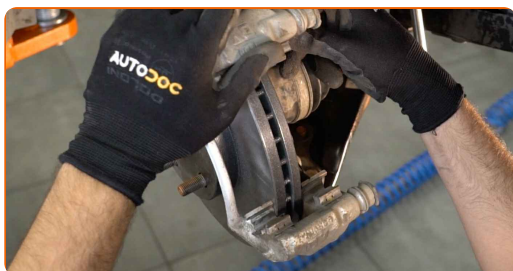
**19** Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use a brake cleaner.



**Replacement: brake discs – Toyota Auris E15. AUTODOC experts recommend:**

- After applying the spray, wait a few minutes.

**20** Install the brake caliper bracket.



**21** Tighten the brake caliper bracket. Use a drive socket #17. Use a torque wrench. Tighten it to 107 Nm torque.



**22** Install the brake pads.



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

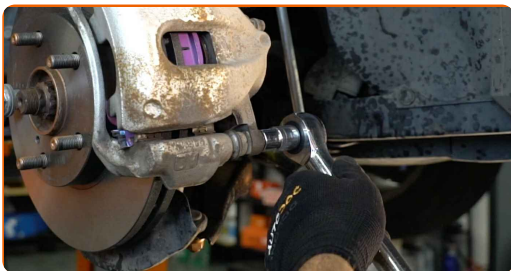
**AUTODOC recommends:**

- Replacement: brake discs – Toyota Auris E15. After applying the spray, wait a few minutes.

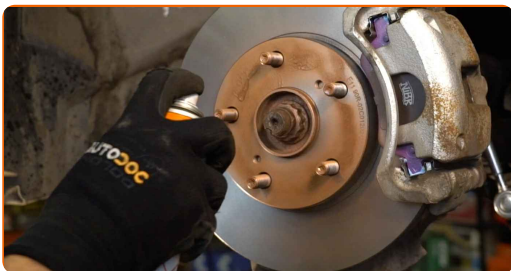
**24** Press in the brake caliper piston. Use brake caliper wind back tool.



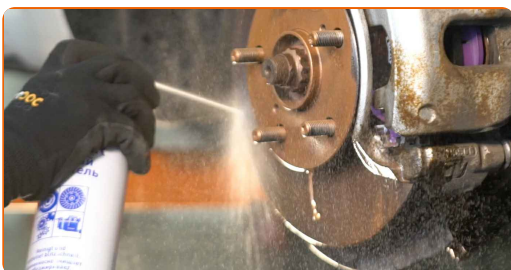
**25** Install the brake caliper and fix it. Use a drive socket #13. Use a torque wrench. Tighten it to 30 Nm torque.



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



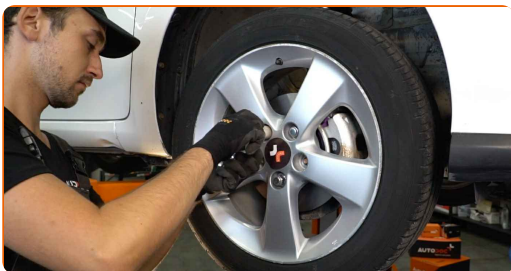
**27** Clean the brake disk surface. Use a brake cleaner.



**Replacement: brake discs – Toyota Auris E15. Tip from AUTODOC:**

- After applying the spray, wait a few minutes.

**28** Install the wheel.



**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. Toyota Auris E15

**29**

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



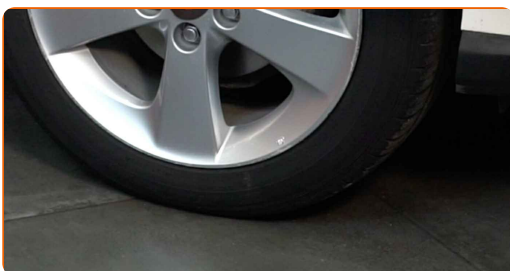
**30**

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.



**31**

Remove the jacks and chocks.



**Replacement: brake discs – Toyota Auris E15. Tip from AUTODOC experts:**

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

32

Tighten the brake fluid reservoir cap.

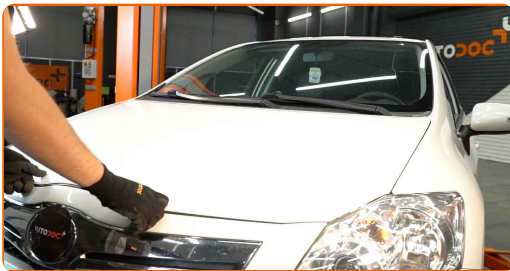


**AUTODOC recommends:**

- Toyota Auris E15 – Without starting the engine, press the brake pedal several times until it feels firm.

33

Close the hood.



**WELL DONE!** 

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