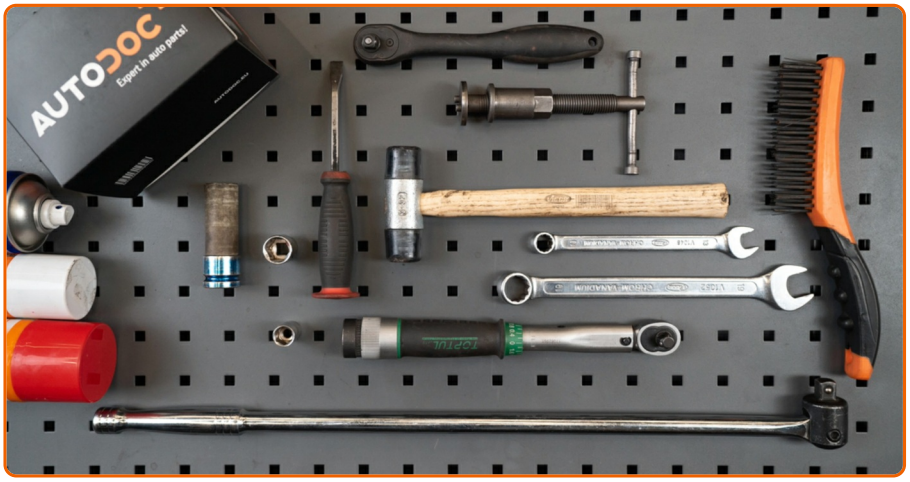
VIDEO TUTORIAL

ⓘ Important!

This replacement procedure can be used for:
TOYOTA AURIS (_E15_) 1.8 Hybrid (ZWE150_), TOYOTA AURIS (_E18_) 1.8 Hybrid (ZWE186_), TOYOTA AURIS Estate (_E18_) 1.8 Hybrid (ZWE186_), TOYOTA PRIUS PLUS (_W4_) 1.8 Hybrid (ZVW40W, ZVW41W)

The steps may slightly vary depending on the car design.

REQUIRED TOOLS:



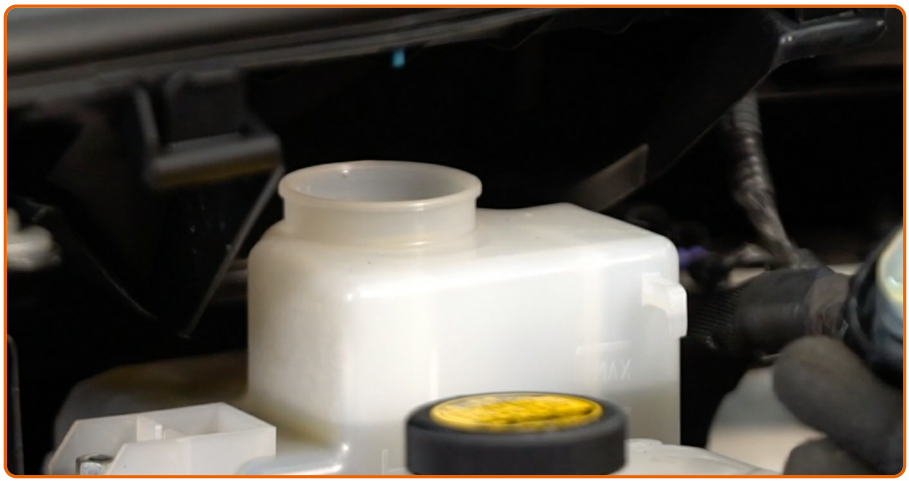
- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #13
- Combination spanner #19
- Drive socket # 13
- Drive socket # 17
- Wheel impact socket #21
- Brake caliper wind back tool
- Ratchet wrench
- Torque wrench
- Tap wrench
- Crow bar
- Rubber mallet
- Wheel chock

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

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:

- 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.

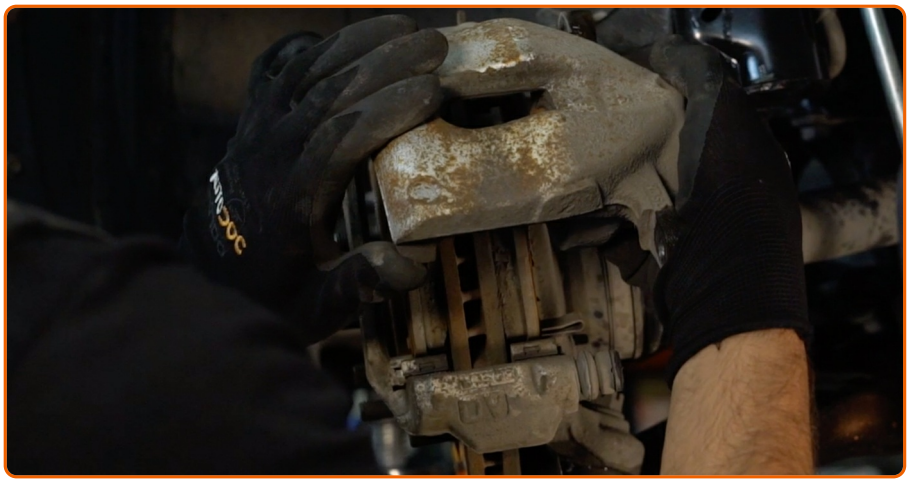
8

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.

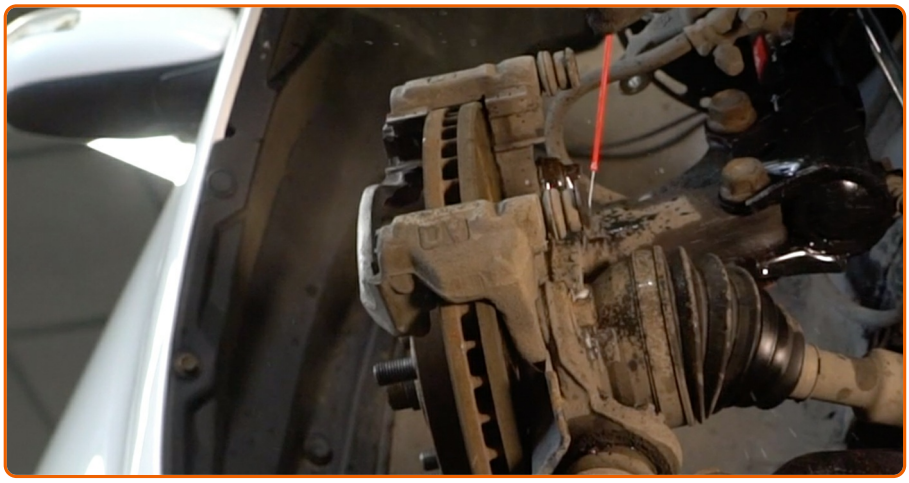
AUTODOC recommends:

- 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.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

11

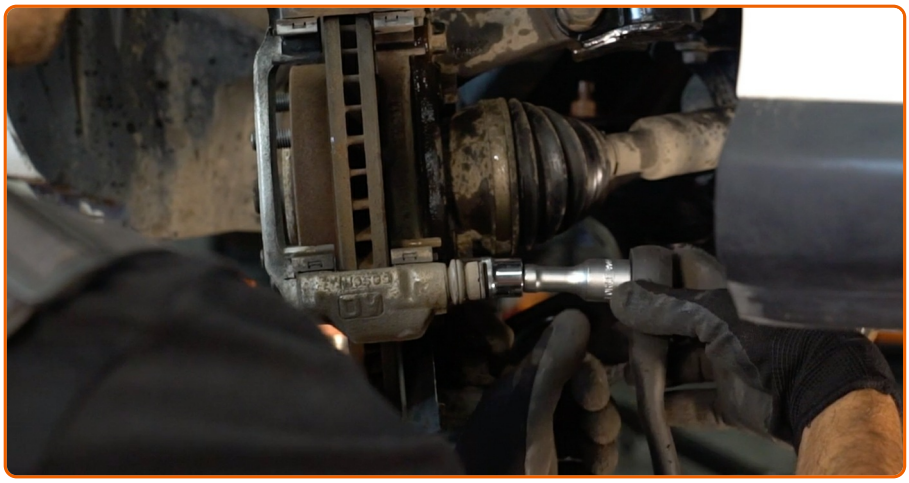
Remove the brake pads.

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

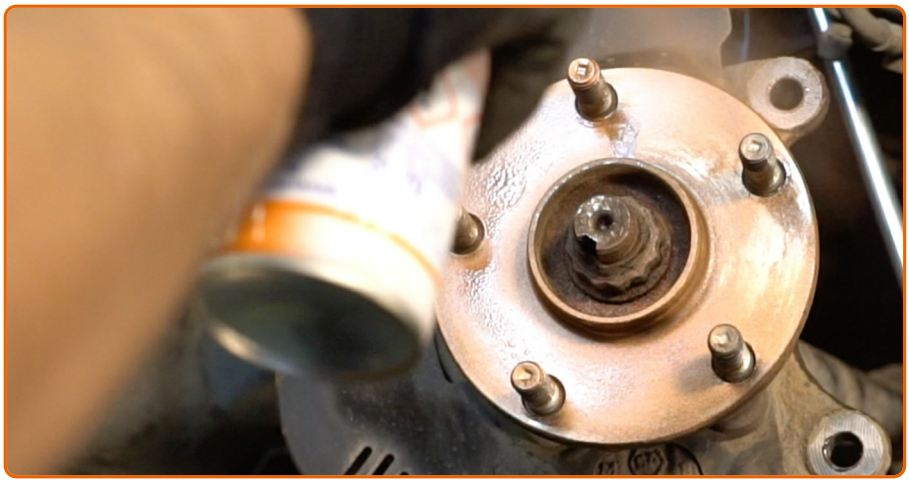
15

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.

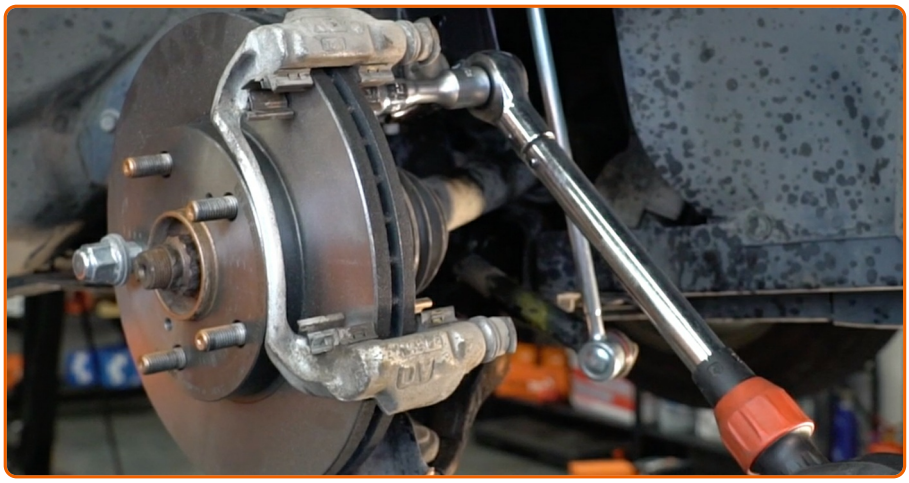
AUTODOC recommends:

- 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 82 Nm torque.

22

Install the brake pads.

23

Treat the brake caliper piston. Use a brake cleaner.

AUTODOC recommends:

- 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 35 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.

AUTODOC recommends:

- After applying the spray, wait a few minutes.

28

Install the wheel.

AUTODOC recommends:

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

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 120 Nm torque.

31

Remove the jacks and chocks.

AUTODOC recommends:

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

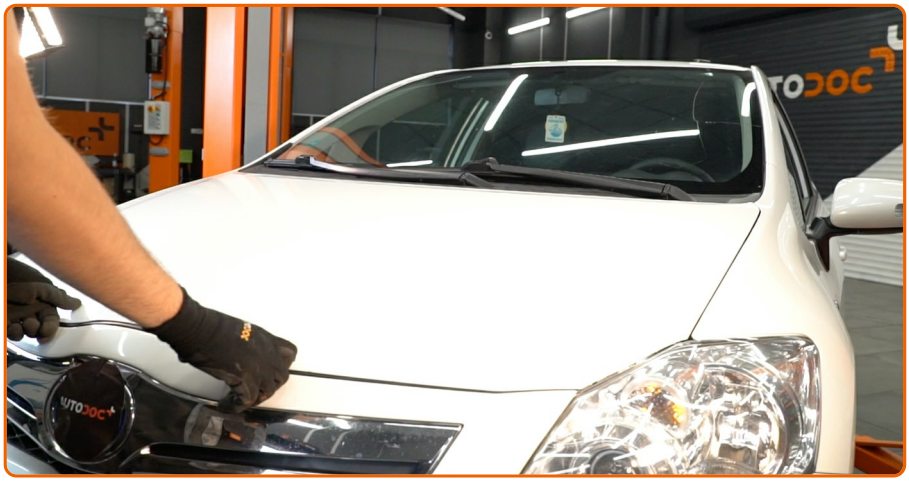
32

Tighten the brake fluid reservoir cap.

AUTODOC recommends:

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

33



Close the hood.

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