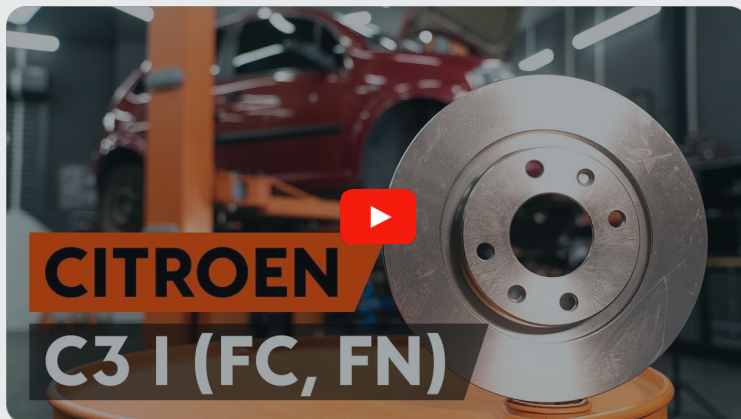




How to change front
brake discs on **CITROËN**
DS4 – replacement guide

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:
CITROËN DS4 1.6 HDi 110, CITROËN DS4 1.6 HDi 90

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: CITROËN C3 I Hatchback (FC_, FN_) 1.4 i

REPLACEMENT: BRAKE DISCS – CITROËN DS4. LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #13
- Combination spanner #15
- Torx bit T30
- Torx bit T55
- Wheel impact socket #17
- Brake caliper wind back tool
- Torque wrench
- Tap wrench
- Impact screwdriver
- Rubber mallet
- Crow bar
- Wheel chock

Buy tools

Replacement: brake discs – CITROËN DS4. AUTODOC recommends:

- Replace the brake discs on the car CITROËN DS4 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 – CITROËN DS4.

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 #17.



4 Raise the front of the car and secure on supports.

5 Unscrew the wheel bolts.



Replacement: brake discs – CITROËN DS4. Professionals recommend:

- 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

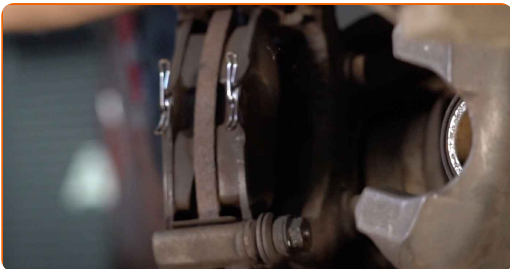
Unscrew the brake caliper fastening. Use a combination spanner #13. Use a combination spanner #15.

**9**

Spread the brake pads. Use a crowbar.

**10**

Remove the brake caliper.



Replacement: brake discs – CITROËN DS4. AUTODOC experts 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.

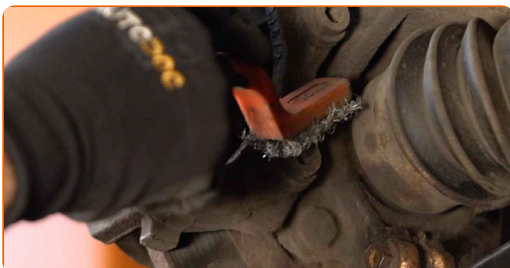
11

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 Torx T55. Use a tap wrench.



14 Remove the caliper bracket.



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



16 Unscrew the brake disc fastening. Use Torx T30. Use an impact screwdriver.



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 Tighten the brake disc fastening. Use Torx T30. Use a torque wrench. Tighten it to 9 Nm torque.



21

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



AUTODOC recommends:

- Replacement: brake discs – CITROËN DS4. After applying the spray, wait a few minutes.

22

Install the brake caliper bracket.



23

Tighten the brake caliper bracket. Use Torx T55. Use a torque wrench. Tighten it to 105 Nm torque.



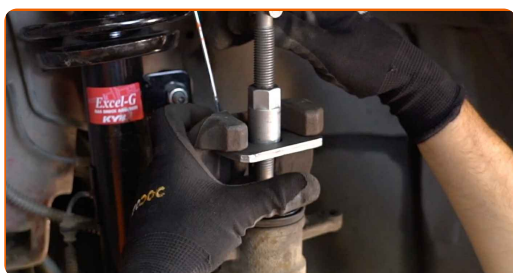
24 Treat the brake caliper piston. Use a brake cleaner.



Replacement: brake discs – CITROËN DS4. Tip from AUTODOC:

- After applying the spray, wait a few minutes.

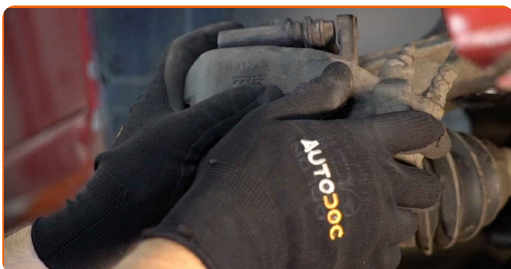
25 Press in the brake caliper piston. Use brake caliper wind back tool.



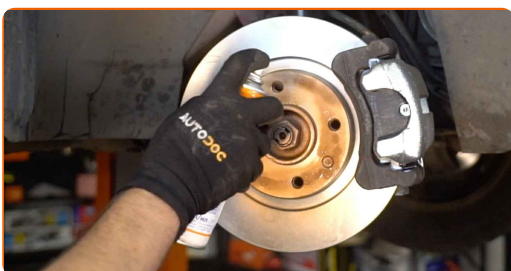
26 Install the brake pads.



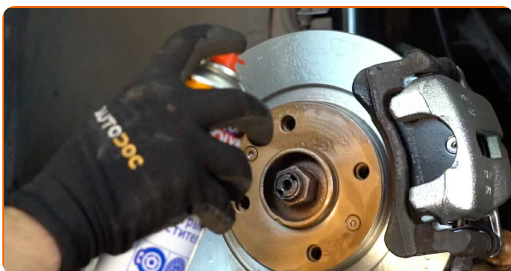
- 27** Install the brake caliper and fix it. Use a combination spanner #13. Use a combination spanner #15. Use a torque wrench. Tighten it to 30 Nm torque.



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



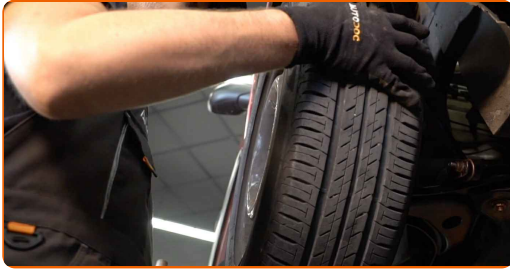
- 29** Clean the brake disk surface. Use a brake cleaner.



AUTODOC recommends:

- Replacement: brake discs – CITROËN DS4. After applying the spray, wait a few minutes.

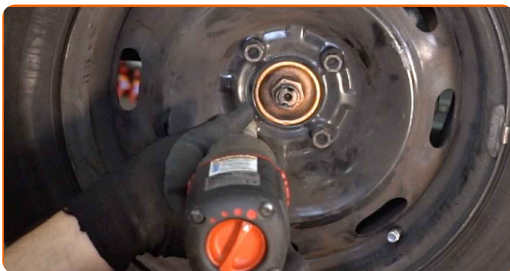
30 Install the wheel.



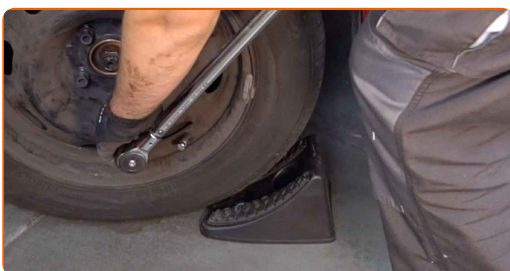
Replacement: brake discs – CITROËN DS4. Tip:

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

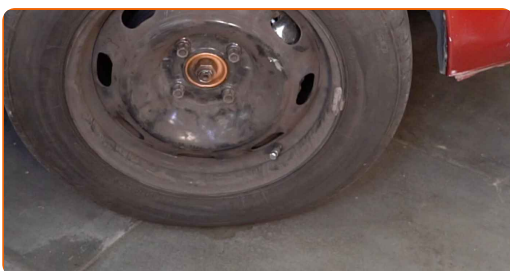
31 Screw in the wheel bolts. Use wheel impact socket #17.



32 Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 90 Nm torque.



33 Remove the jacks and chocks.

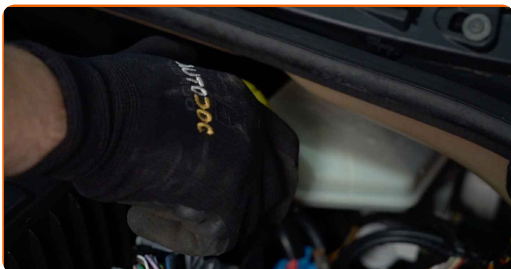


Replacement: brake discs – CITROËN DS4. Tip from AUTODOC experts:

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

34

Tighten the brake fluid reservoir cap.



AUTODOC recommends:

- CITROËN DS4 – Without starting the engine, press the brake pedal several times until it feels firm.

35

Close the hood.

WELL DONE! 

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