



How to change front
brake caliper on **Citroen**
C3 1 – replacement guide

VIDEO TUTORIAL



i Important!

This replacement procedure can be used for:

CITROËN C3 I Hatchback (FC, FN) 1.4 HDi, CITROËN C3 I Hatchback (FC, FN) 1.1 i, CITROËN C3 I Hatchback (FC, FN) 1.4 i Bivalent, CITROËN C2 Hatchback (JM) 1.1, CITROËN C2 Hatchback (JM) 1.4, CITROËN C2 Hatchback (JM) 1.4 HDi, CITROËN C2 Enterprise (JG) 1.4 HDi

The steps may slightly vary depending on the car design.

[illegible]

- ## BUY TOOLS

Replacement: brake caliper – Citroen C3 1. AUTODOC recommends:

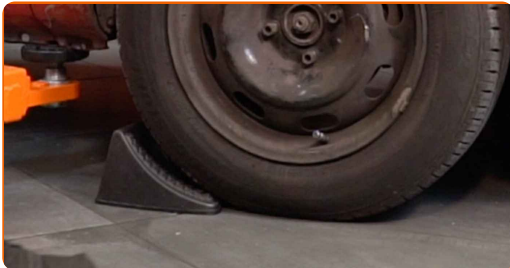
- The replacement procedure is identical for the left and right brake calipers on the same axle.
- All work should be done with the engine stopped.

REPLACEMENT: BRAKE CALIPER – CITROEN C3 1. RECOMMENDED SEQUENCE OF 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 #17.



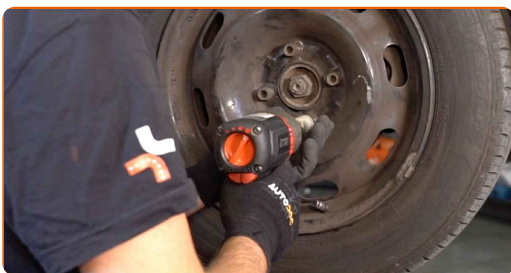
4

Raise the front of the car and secure on supports.



5

Unscrew the wheel bolts.

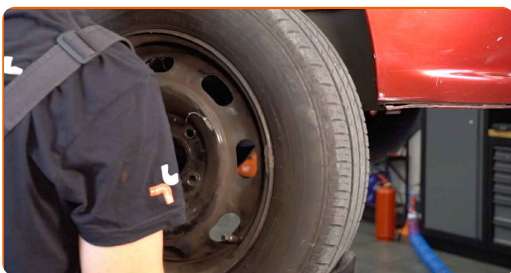


Replacement: brake caliper – Citroen C3 1. Tip:

- To avoid injury, hold up the wheel when unscrewing the bolts.

6

Remove the wheel.



7

Put a container for gathering brake fluid beneath.



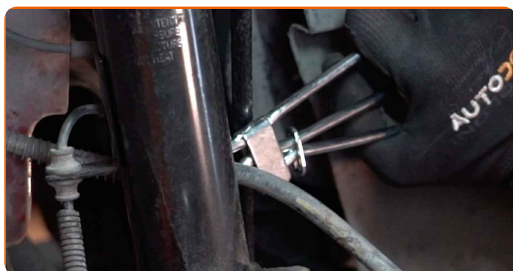
- 8 Clean the area where the brake hose is connected to the caliper, and the guide pins area. Use a wire brush. Use a brake cleaner.



AUTODOC recommends:

- Replacement: brake caliper – Citroen C3 1. After applying the spray, wait a few minutes.

- 9 Clamp the brake hose off using a brake hose clamp.



- 10 Unscrew the brake hose from the brake caliper. Use a combination spanner #14.



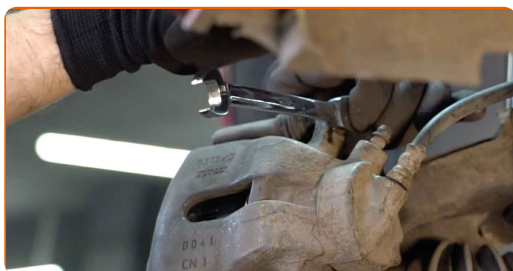
11

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



12

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



13

Spread the brake pads. Use a crowbar.



14

Remove the brake caliper.

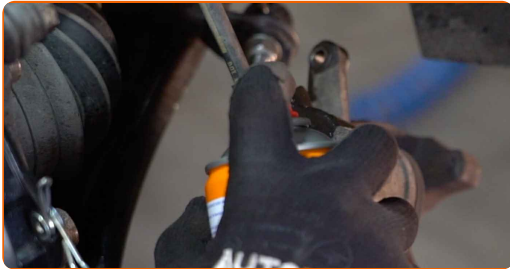


Replacement: brake caliper – Citroen C3 1. Professionals recommend:

- When replacing the brake caliper, it is recommended to check the brake hose for damages and, if necessary, to replace it with a new one.
- When replacing a brake caliper it is recommended to replace brake pads, check the state of the brake discs and replace them with new ones if necessary.

15

Treat the brake hose. Use a brake cleaner.

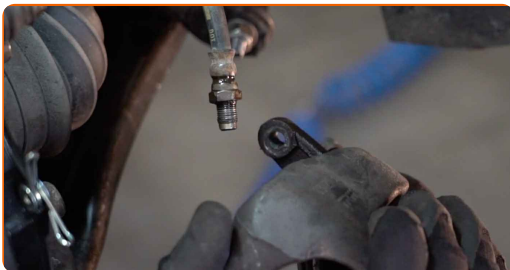


Replacement: brake caliper – Citroen C3 1. Tip from AUTODOC experts:

- After applying the spray, wait a few minutes.

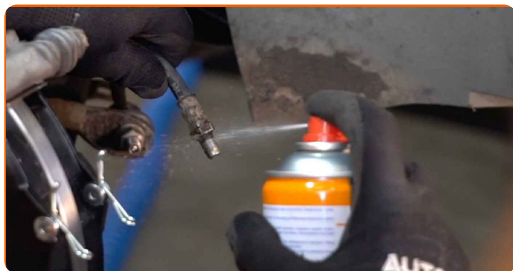
16

Unscrew the brake hose from the brake caliper.



17

Treat the brake hose. Use a brake cleaner.

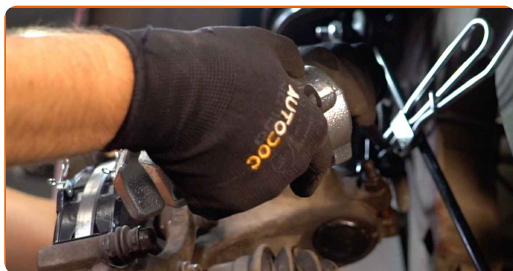


AUTODOC recommends:

- Replacement: brake caliper – Citroen C3 1. After applying the spray, wait a few minutes.

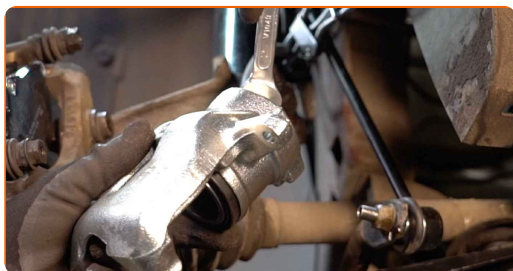
18

Install and fix the brake hose into a new caliper.



19

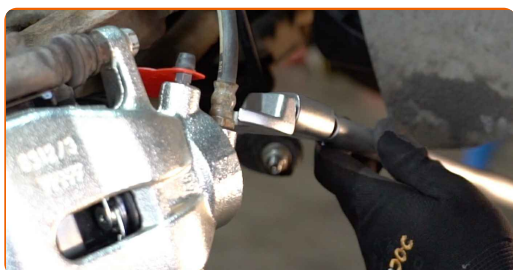
Tighten the brake hose fastener. Use a combination spanner #14.



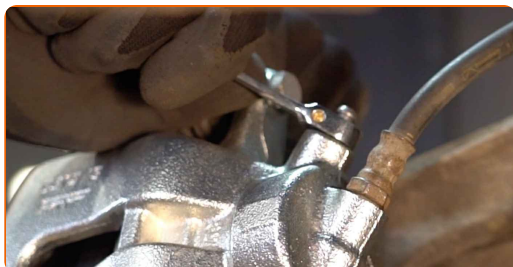
- 20** Install the brake caliper and fix it. Use a combination spanner #13. Use a combination spanner #15. Use a torque wrench. Tighten it to 30 Nm torque.



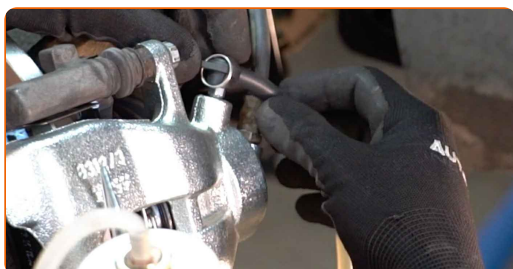
- 21** Tighten the fastener connecting the brake pipe to the brake caliper. Use a combination spanner #14. Use a torque wrench. Tighten it to 15 Nm torque.



- 22** Undo the brake bleeder screw. Use a combination spanner #8.

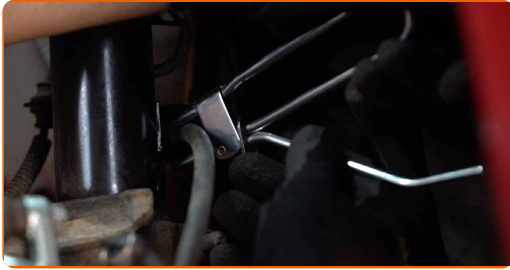


- 23** Connect the brake bleeder kit to the brake bleeder screw.



24

Remove the brake hose clamp.



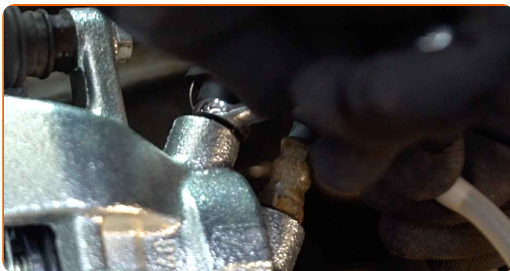
25

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



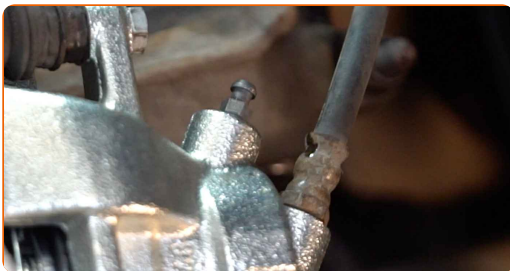
26

Tighten the brake bleeder screw. Use a combination spanner #8.



27

Disconnect the brake bleeder kit.



28

Clean dirt from the brake hose bolt. Use a brake cleaner.



Replacement: brake caliper – Citroen C3 1. AUTODOC recommends:

- After applying the spray, wait a few minutes.

29

Tighten the brake caliper bleed screw. Use a drive socket #8. Use a torque wrench. Tighten it to 11 Nm torque.

30

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



31

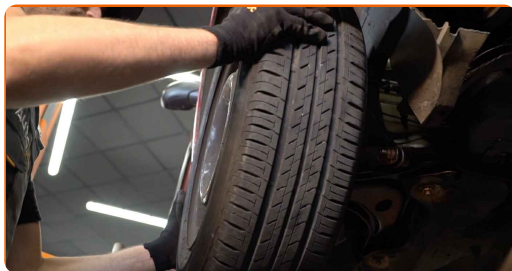
Clean the brake disk surface. Use a brake cleaner.



AUTODOC recommends:

- Replacement: brake caliper – Citroen C3 1. After applying the spray, wait a few minutes.

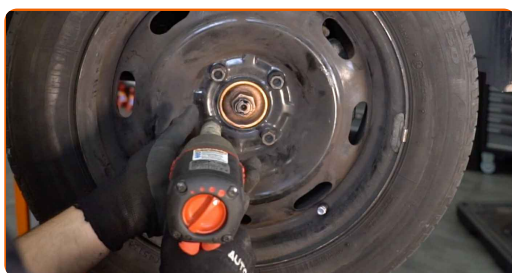
32 Install the wheel.



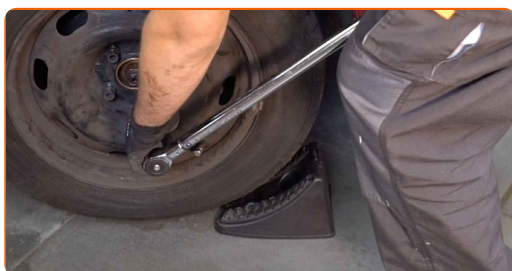
Replacement: brake caliper – Citroen C3 1. AUTODOC experts recommend:

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

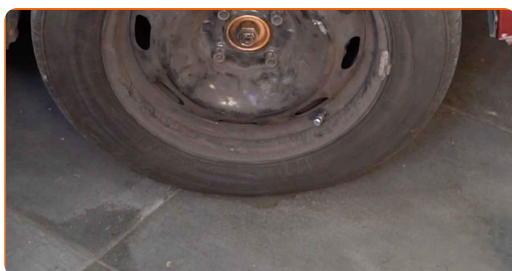
33 Screw in the wheel bolts. Use wheel impact socket #17.



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



35 Remove the jacks and chocks.

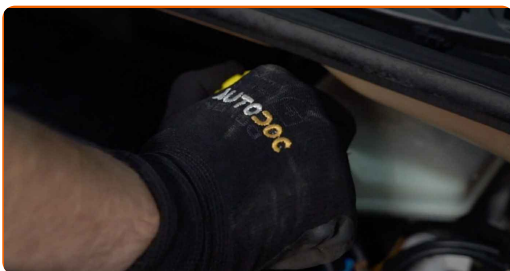


AUTODOC recommends:

- Important! Replacement: brake caliper – Citroen C3 1. Check the brake fluid level in the reservoir and top up if necessary.

36

Tighten the brake fluid reservoir cap. Close the hood.



WELL DONE! 

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