



How to change rear  
wheel bearing on  
**CITROËN C4 I (LC\_)** –  
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 C4 I (LC\_) 1.4 16V, CITROËN C4 I (LC\_) 1.6 16V, CITROËN C4 I (LC\_) 2.0 16V, CITROËN C4 I (LC\_) 1.6 HDi, CITROËN C4 I (LC\_) 2.0 HDi

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: PEUGEOT 207 Hatchback 1.6 16V VTi

REPLACEMENT: WHEEL BEARING – CITROËN C4 I (LC\_). LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- Nylon cleaning brush
- WD-40 spray
- All-purpose cleaning spray
- Brake cleaner
- Multipurpose grease
- Copper grease
- Torque wrench
- Combination spanner #19
- Drive socket # 13
- Drive socket # 36
- Torx bit T55
- Wheel impact socket #17
- Brake caliper wind back tool
- Ratchet wrench
- Tap wrench
- Hammer
- Flat chisel
- Rubber mallet
- Flat Screwdriver
- Crow bar
- Hub slide hammer puller
- Wheel chock

**Buy tools**

Replacement: wheel bearing – CITROËN C4 I (LC\_). AUTODOC recommends:

- Do not re-use the bearing assembly of your PEUGEOT 207 car.
- The wheel hub bearing replacement procedure is identical for both wheels on the same axle.
- All work should be done with the engine stopped.

**REPLACEMENT: WHEEL BEARING – CITROËN C4 I (LC\_).  
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 rear of the car and secure on supports.

**5** Unscrew the wheel bolts.

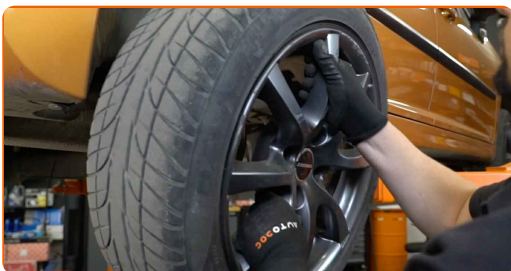


AUTODOC recommends:

- Important! Hold the wheel while unscrewing the fastening bolts. CITROËN C4 I (LC\_)

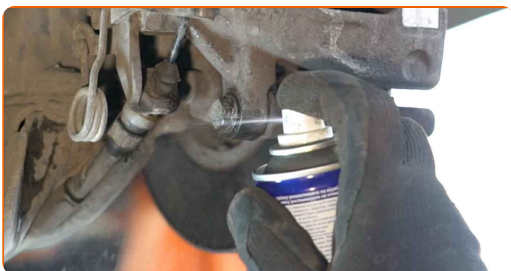
6

Remove the wheel.



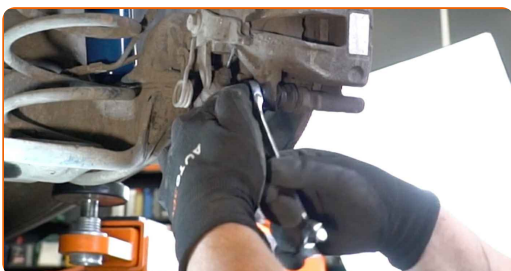
7

Clean the brake caliper fasteners. Use a wire brush. Use all-purpose cleaning spray.



8

Unscrew the brake caliper fastening. Use a combination spanner #19. Use a drive socket #13. Use a ratchet wrench.



9

Spread the brake pads. Use a crowbar.

**10**

Remove the brake caliper.

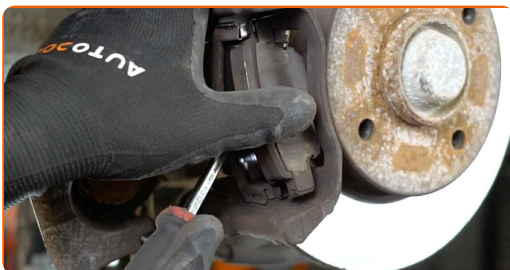


**Replacement: wheel bearing – CITROËN C4 I (LC\_). Tip from AUTODOC experts:**

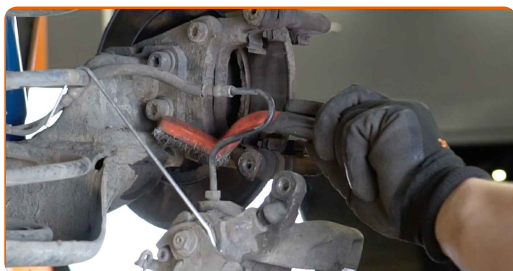
- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, 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**

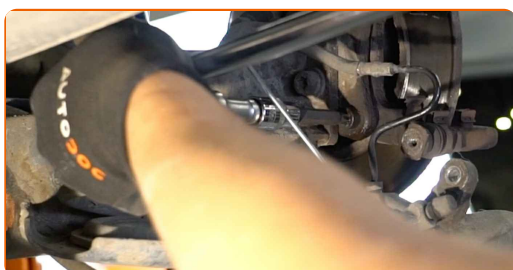
Remove the brake pads. Use a crowbar.



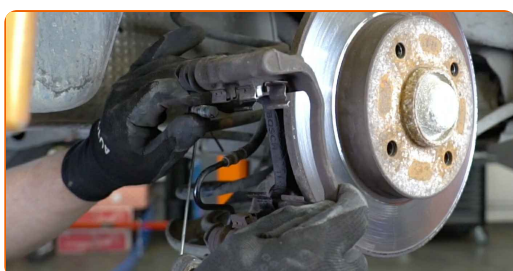
**12** Clean the brake caliper bracket fasteners. Use a wire brush. Use WD-40 spray.



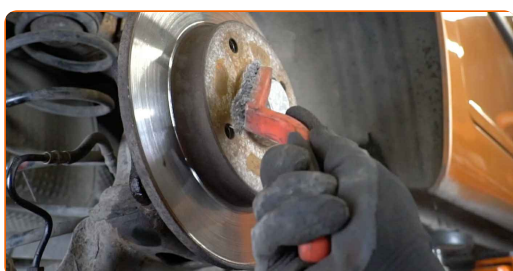
**13** Unscrew the caliper bracket fastening. Use Torx T55. Use a tap wrench.



**14** Remove the caliper bracket.



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



16

Remove the wheel hub nut cap. Use a crowbar. Use a rubber mallet.



Replacement: wheel bearing – CITROËN C4 I (LC\_). Tip from AUTODOC:

- In some cars, the wheel hub nut is not protected with a cap.

17

Unstake the wheel hub retaining nut. Use a flat metal-working chisel. Use a hammer.



18

Unscrew the hub nut. Use a drive socket #36. Use a tap wrench.





19

Remove the brake disc assembled with the wheel hub bearing. Use the hub slide hammer puller.



20

Clean the stub axle. Use a wire brush. Use all-purpose cleaning spray.



21

Treat the stub axle. Use a multipurpose grease. Use a flat screwdriver.



22

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



**AUTODOC recommends:**

- Replacement: wheel bearing – CITROËN C4 I (LC\_). After applying the spray, wait a few minutes.

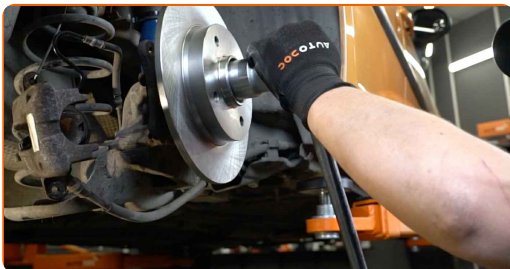
**23**

Install the brake disc assembled with the wheel hub bearing.



**24**

Tighten the wheel hub nut. Use a drive socket #36. Use a torque wrench. Tighten it to 270 nm torque.



**Replacement: wheel bearing – CITROËN C4 I (LC\_). AUTODOC experts recommend:**

- The wheel bearing unit must not tilt on the axle pin.
- During the installation process, use only new bolts and nuts.

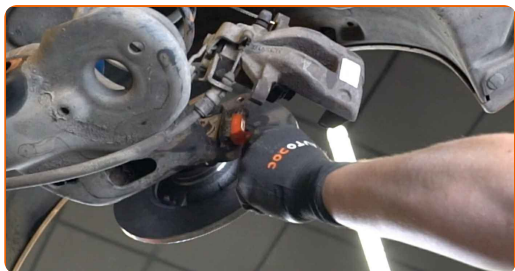
**25** Restake the wheel hub retaining nut. Use a flat metal-working chisel. Use a hammer.



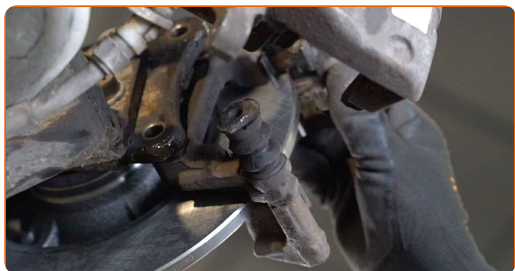
**26** Install the cap of the hub nut. Use a rubber mallet.



**27** Clean the mounting seats of the caliper and its bracket. Use a wire brush. Use WD-40 spray.



**28** Install the brake caliper bracket.



29

Tighten the brake caliper bracket. Use Torx T55. Use a torque wrench. Tighten it to 53 Nm torque.



30

Treat the brake caliper piston. Use a nylon cleaning brush. Use a brake cleaner.

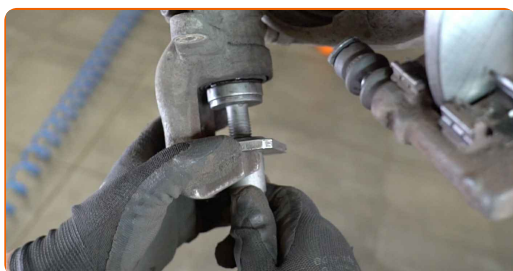


**AUTODOC recommends:**

- Replacement: wheel bearing – CITROËN C4 I (LC\_). After applying the spray, wait a few minutes.

31

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



**32** Install the brake pads.



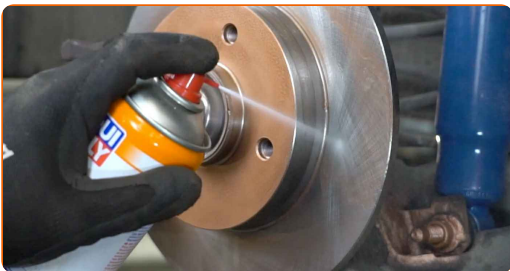
**33** Install the brake caliper and fix it. Use a combination spanner #19. Use a drive socket #13. Use a torque wrench. Tighten it to 30 Nm torque.



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



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



**AUTODOC recommends:**

- Replacement: wheel bearing – CITROËN C4 I (LC\_). After applying the spray, wait a few minutes.

**36** Install the wheel.



**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. CITROËN C4 I (LC\_)

**37** Screw in the wheel bolts. Use wheel impact socket #17.

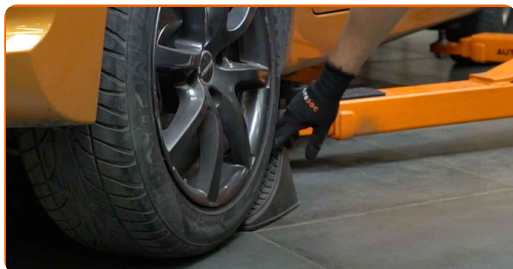


**38** Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 100 Nm torque.



39

Remove the jacks and chocks.



Replacement: wheel bearing – CITROËN C4 I (LC\_). AUTODOC experts recommend:

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

40

Tighten the brake fluid reservoir cap. Close the hood.

Replacement: wheel bearing – CITROËN C4 I (LC\_). AUTODOC experts recommend:

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

**WELL DONE!** 

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