



How to change rear  
wheel bearing on  
**CITROËN C3 I Hatchback**  
**(FC\_, FN\_)** – 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 C3 I Hatchback (FC\_, FN\_) 1.1 i, CITROËN C3 I Hatchback (FC\_, FN\_) 1.4 HDi, CITROËN C3 I Hatchback (FC\_, FN\_) 1.4 i Bivalent, CITROËN C3 I Hatchback (FC\_, FN\_) 1.6 16V, CITROËN C3 I Hatchback (FC\_, FN\_) 1.4 16V HDi, CITROËN C3 I Hatchback (FC\_, FN\_) 1.4 16V, CITROËN C3 I Hatchback (FC\_, FN\_) 1.6 16V HDi, CITROËN C3 I Hatchback (FC\_, FN\_) 1.4 i

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 206 Hatchback (2A/C) 1.6

**REPLACEMENT: WHEEL BEARING – CITROËN C3 I HATCHBACK (FC\_, FN\_). TOOLS YOU NEED:**



- Wire brush
- WD-40 spray
- Brake cleaner
- All-purpose cleaning spray
- Copper grease
- Torx bit T30
- Drive socket # 19
- Drive socket # 32
- Wheel impact socket #19
- Ratchet wrench
- Torque wrench
- Tap wrench
- Hammer
- Round-nose pliers
- Flat chisel
- Rubber mallet
- Impact screwdriver
- 3-Arm Gear Puller
- Crow bar
- Wheel chock

**Buy tools**

Replacement: wheel bearing – CITROËN C3 I Hatchback (FC\_, FN\_).  
Professionals recommend:

- Do not re-use the bearing assembly of your CITROËN C3 I Hatchback (FC\_, FN\_)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 C3 I HATCHBACK (FC\_, FN\_). RECOMMENDED SEQUENCE OF STEPS:**

1

Secure the wheels with chocks.



2

Loosen the wheel mounting bolts. Use wheel impact socket #19.



3

Raise the rear of the car and secure on supports.

4

Unscrew the wheel bolts.



Replacement: wheel bearing – CITROËN C3 I Hatchback (FC\_, FN\_). AUTODOC recommends:

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

5

Remove the wheel.



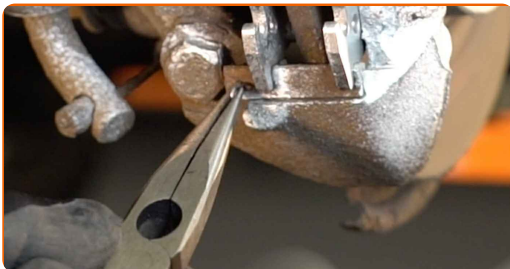
6

Remove the retaining springs of the brake pads. Use a crowbar.



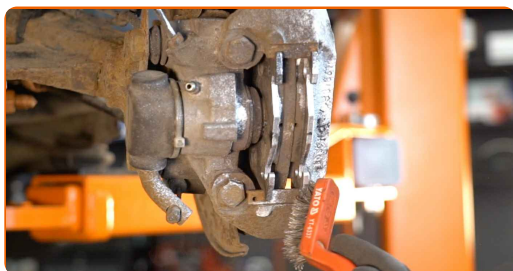
7

Remove the brake pad retaining pin. Use round-nose pliers.



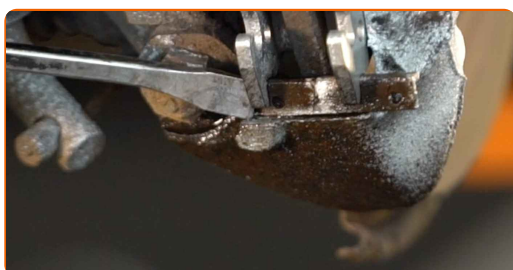
8

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



9

Remove the retainer of the brake pads. Use a crowbar. Use a rubber mallet.



10

Remove the brake pads. Use a crowbar.



11

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



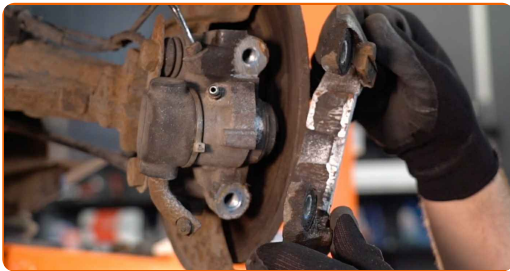
**12**

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



**13**

Remove the brake caliper.



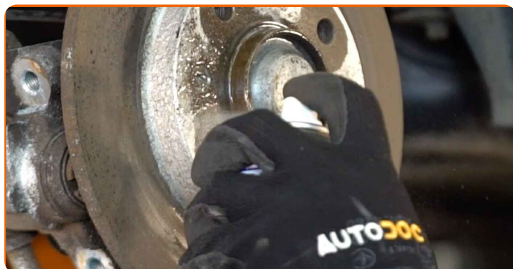
**Replacement: wheel bearing – CITROËN C3 I Hatchback (FC\_, FN\_). Tip from AUTODOC:**

- 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.



14

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



15

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

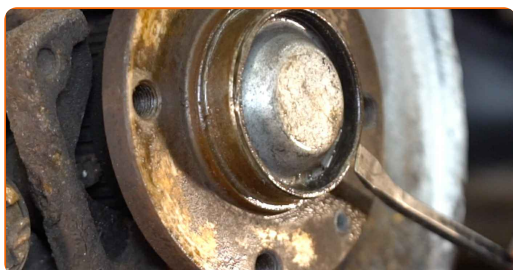


16

Remove the brake disc.

17

Remove the hub bearing protection cap. Use a crowbar. Use a hammer.



Replacement: wheel bearing – CITROËN C3 I Hatchback (FC\_, FN\_). AUTODOC experts recommend:

- Some cars are not equipped with wheel hub caps.



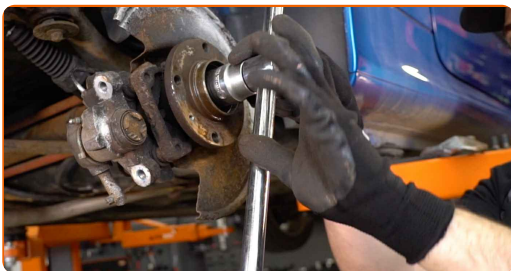
**18**

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



**19**

Unscrew the wheel hub axle nut. Use a drive socket #32. Use a tap wrench.



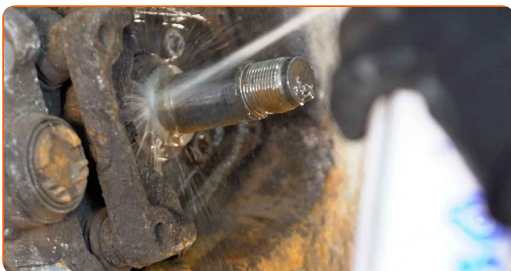
**20**

Remove the hub and the bearing together, since they are a sealed unit. Use 3-Arm Gear Puller.

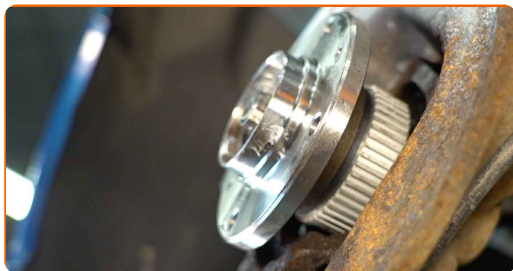


**21**

Clean the hub bearing mounting seat. Use all-purpose cleaning spray.



**22** Install the new wheel hub with a bearing.



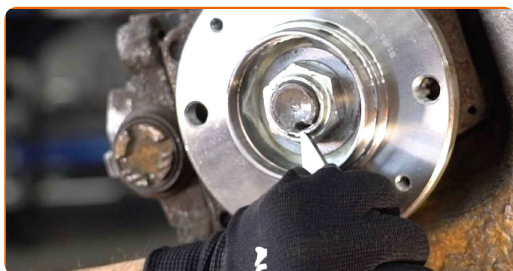
**23** Tighten the hub. Use a drive socket #32. Use a torque wrench. Tighten it to 230 Nm torque.



Replacement: wheel bearing – CITROËN C3 I Hatchback (FC\_, FN\_). Tip:

- The wheel bearing unit must not tilt on the axle pin.

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



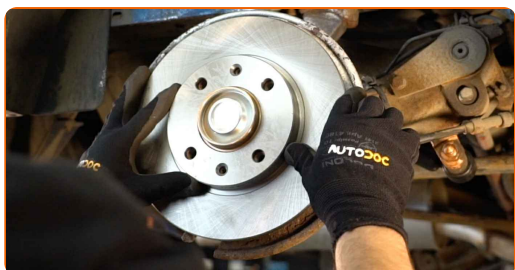
**25** Install the hub bearing protection cap. Use a rubber mallet.



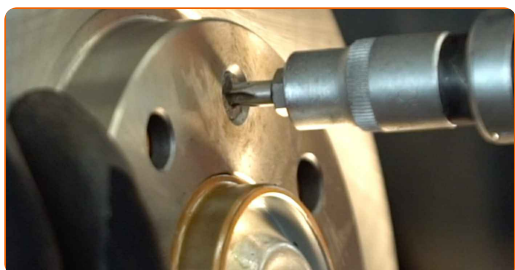
**26** Clean the hub. Use a wire brush. Treat the contacting surface. Use copper grease.



**27** Install the brake disc.



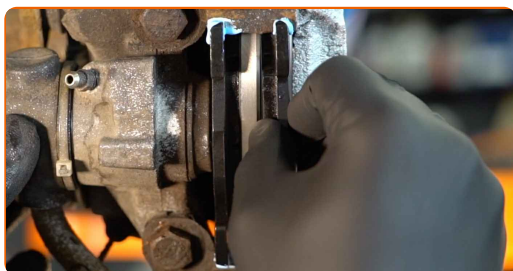
**28** Tighten the brake disc fastening. Use Torx T30. Use a torque wrench. Tighten it to 9 Nm torque.



**29** Install the brake caliper and fix it. Use a drive socket #19. Use a torque wrench. Tighten it to 110 Nm torque.



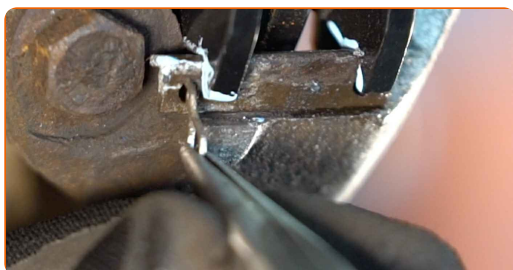
**30** Install the brake pads.



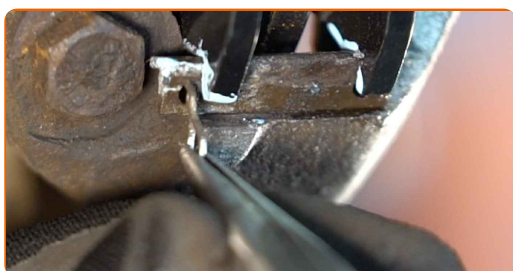
**31** Install the retainer of the brake pads. Use a crowbar.



**32** Install the brake pad retaining pin.



**33** Install the retaining springs of the brake pads.



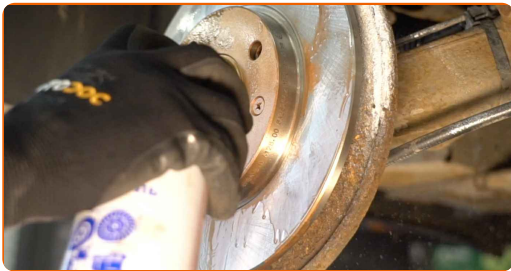
**34**

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 C3 I Hatchback (FC\_, FN\_). After applying the spray, wait a few minutes.

**36**

Install the wheel.

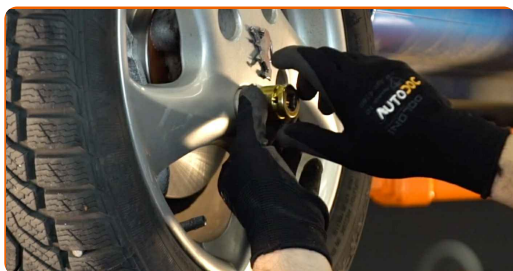


**Replacement: wheel bearing – CITROËN C3 I Hatchback (FC\_, FN\_). Tip from AUTODOC experts:**

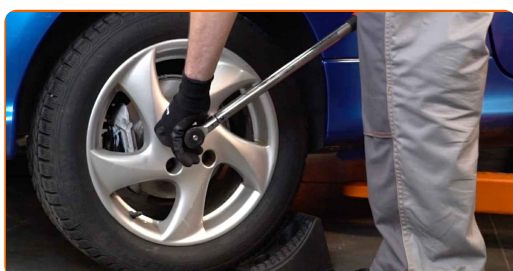
- To avoid injury, hold up the wheel when screwing in the fastening bolts.



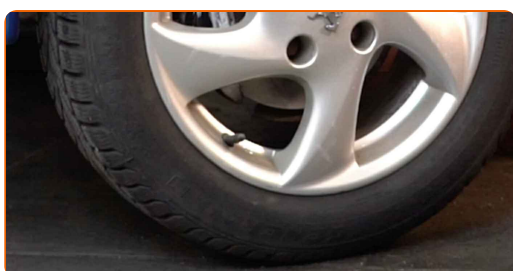
**37** Screw in the wheel bolts. Use wheel impact socket #19.



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



**39** Remove the jacks and chocks.



**WELL DONE!** 

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