



How to change rear
wheel bearing on
CITROËN C3 Pluriel
(HB_) – 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 Pluriel (HB_) 1.6, CITROËN C3 Pluriel (HB_) 1.4, CITROËN C3 Pluriel (HB_) 1.4 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 206 Hatchback (2A/C) 1.6

REPLACEMENT: WHEEL BEARING – CITROËN C3
PLURIEL (HB_). 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 Pluriel (HB_). Professionals recommend:

- Do not re-use the bearing assembly of your CITROËN C3 Pluriel (HB_)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 PLURIEL (HB_). 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.

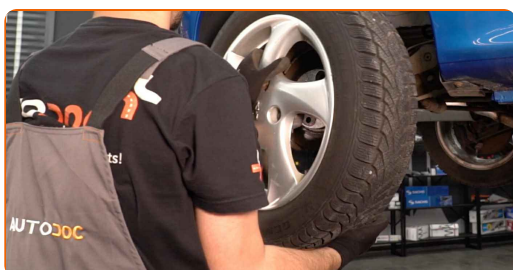
4 Unscrew the wheel bolts.



Replacement: wheel bearing – CITROËN C3 Pluriel (HB_). AUTODOC recommends:

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

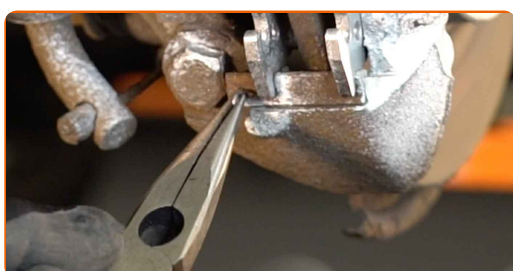
5 Remove the wheel.



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

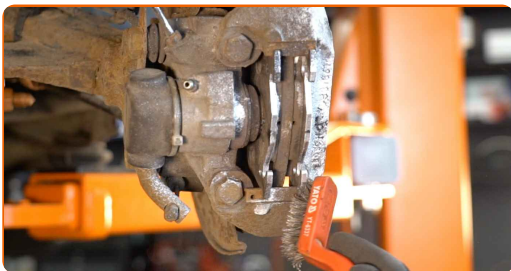


7 Remove the brake pad retaining pin. Use round-nose pliers.



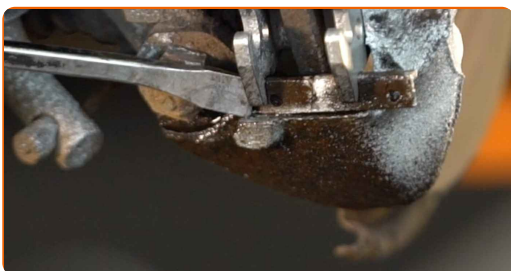
8

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



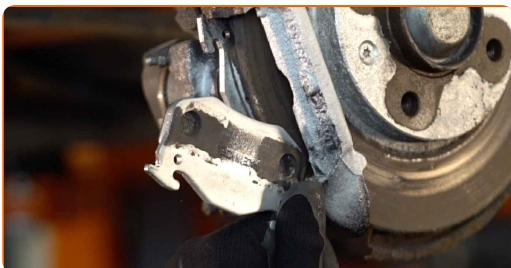
9

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



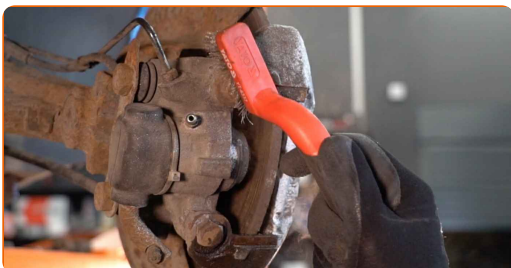
10

Remove the brake pads. Use a crowbar.



11

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



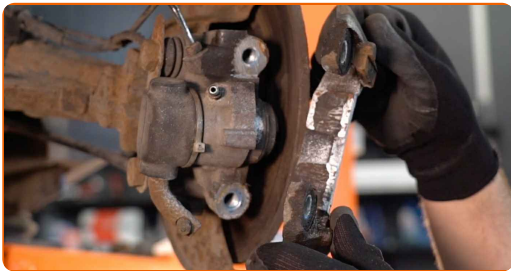
12

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



13

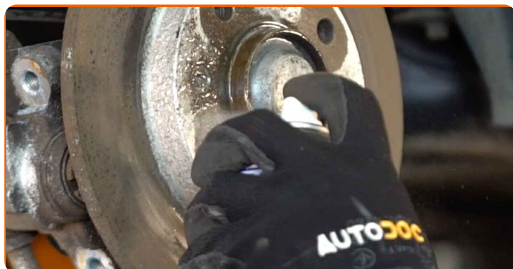
Remove the brake caliper.



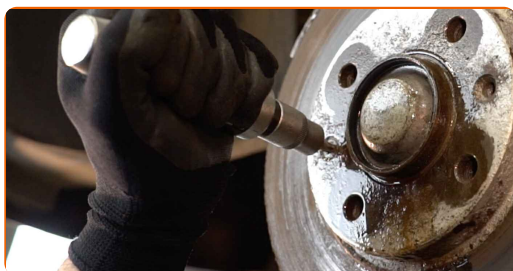
Replacement: wheel bearing – CITROËN C3 Pluriel (HB_). Tip from AUTODOC:

- 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.

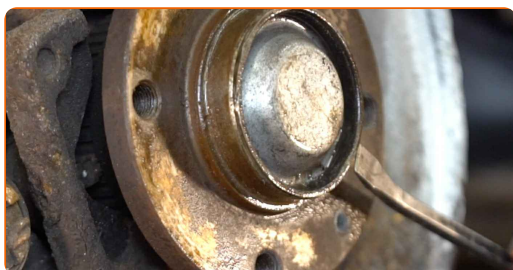


15 Unscrew the brake disc fastening. Use Torx T30. Use an impact screwdriver.



16 Remove the brake disc.

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



Replacement: wheel bearing – CITROËN C3 Pluriel (HB_). AUTODOC experts recommend:

- Some cars are not equipped with wheel hub caps.

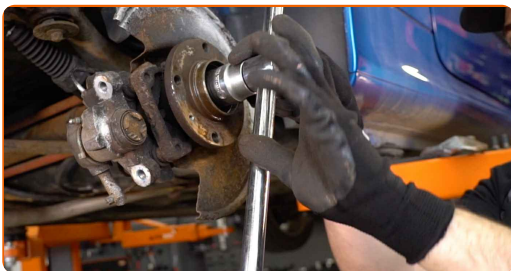
18

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.



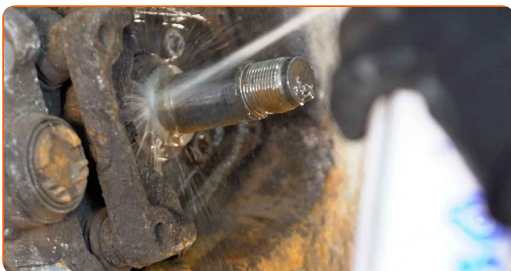
20

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

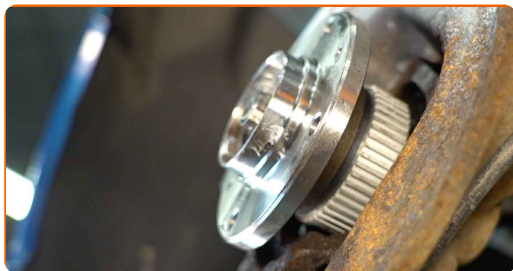


21

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



22 Install the new wheel hub with a bearing.



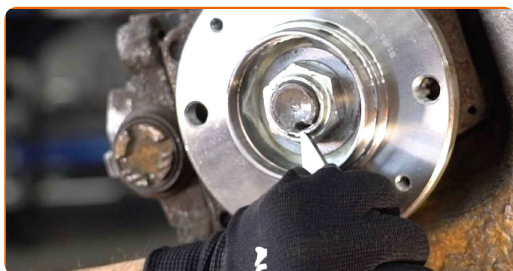
23 Tighten the hub. Use a drive socket #32. Use a torque wrench. Tighten it to 230 Nm torque.



Replacement: wheel bearing – CITROËN C3 Pluriel (HB_). 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.



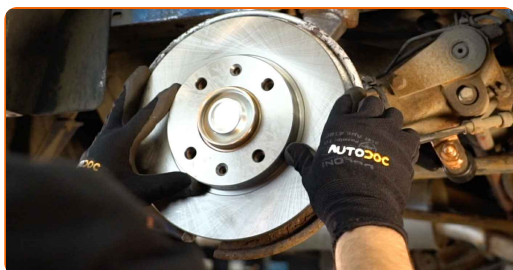
25 Install the hub bearing protection cap. Use a rubber mallet.



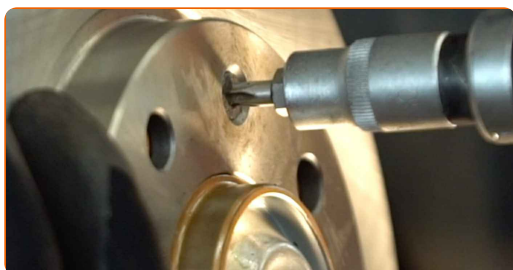
26 Clean the hub. Use a wire brush. Treat the contacting surface. Use copper grease.



27 Install the brake disc.



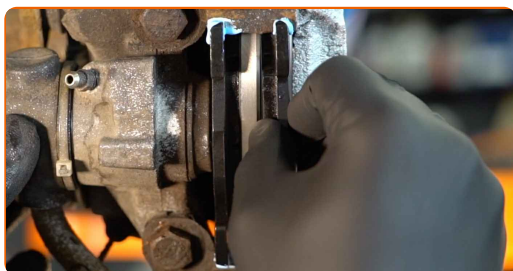
28 Tighten the brake disc fastening. Use Torx T30. Use a torque wrench. Tighten it to 9 Nm torque.



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



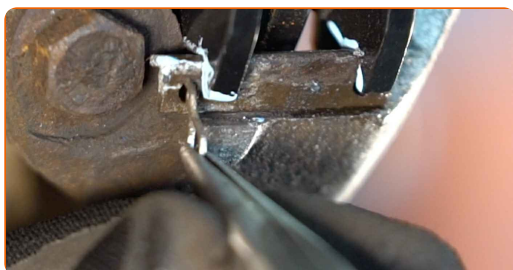
30 Install the brake pads.



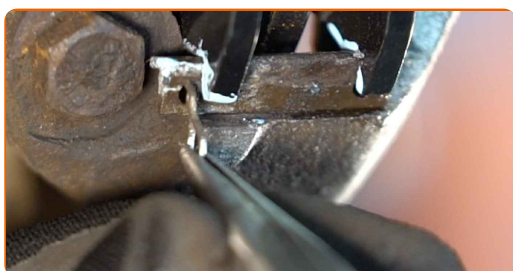
31 Install the retainer of the brake pads. Use a crowbar.



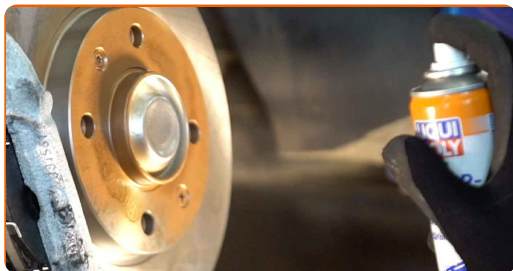
32 Install the brake pad retaining pin.



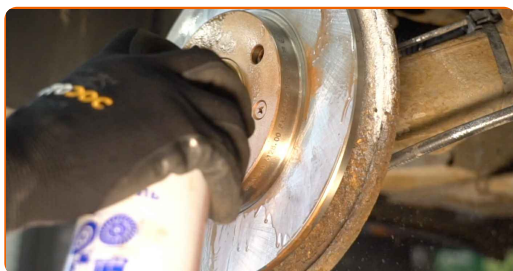
33 Install the retaining springs of the brake pads.



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 Pluriel (HB_). After applying the spray, wait a few minutes.

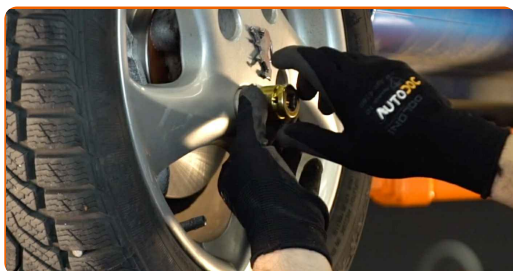
36 Install the wheel.



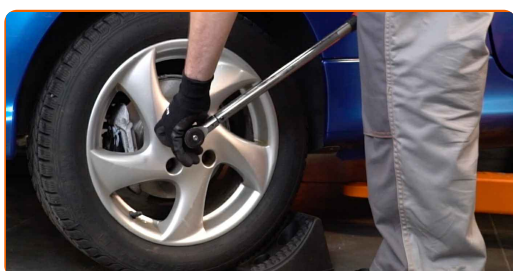
Replacement: wheel bearing – CITROËN C3 Pluriel (HB_). Tip from AUTODOC experts:

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

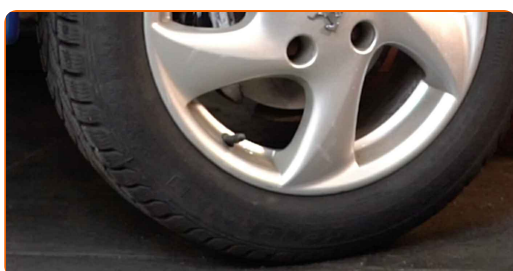
37 Screw in the wheel bolts. Use wheel impact socket #19.



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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WHEEL BEARING: A WIDE SELECTION

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