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How to change rear wheel bearing on CITROËN C3 Aircross II (2R_, 2C_) – replacement guide







SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

i Important!

This replacement procedure can be used for:

CITROËN C3 Aircross II (2R_, 2C_) 1.6 BlueHDi 100, CITROËN C3 Aircross II (2R_, 2C_) 1.6 BlueHDi 120, CITROËN C3 Aircross II (2R_, 2C_) 1.2 Puretech 82, CITROËN C3 Aircross II (2R_, 2C_) 1.2 Puretech 130, CITROËN C3 Aircross II (2R_, 2C_) 1.6 BlueHDi 115 (2CBHXH), CITROËN C3 Aircross II (2R_, 2C_) 1.5 BlueHDi 100 (2CYHYJ), CITROËN C3 Aircross II (2R_, 2C_) 1.5 BlueHDi 120 (2CYHXX), CITROËN C3 Aircross II (2R_, 2C_) 1.6 HDi 92 (2C9HPA)

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

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REPLACEMENT: WHEEL BEARING – CITROËN C3 AIRCROSS II (2R_, 2C_). 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

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Replacement: wheel bearing – CITROËN C3 Aircross II (2R_, 2C_). 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 C3 AIRCROSS II (2R_, 2C_). RECOMMENDED SEQUENCE OF STEPS:

- Open the bonnet. Unscrew the brake fluid reservoir cap.
- Secure the wheels with chocks.
- Loosen the wheel mounting bolts. Use wheel impact socket #17.



- Raise the rear of the car and secure on supports.
- 5 Unscrew the wheel bolts.



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AUTODOC recommends:

• Important! Hold the wheel while unscrewing the fastening bolts. CITROËN C3 Aircross II (2R_, 2C_)

6 Remove the wheel.



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



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



Spread the brake pads. Use a crowbar.

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10 Remove the brake caliper.



Replacement: wheel bearing – CITROËN C3 Aircross II (2R_, 2C_). 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.



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



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



14 Remove the caliper bracket.

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



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



Replacement: wheel bearing – CITROËN C3 Aircross II (2R_, 2C_). Tip from AUTODOC:

- In some cars, the wheel hub nut is not protected with a cap.
- Unstake the wheel hub retaining nut. Use a flat metal-working chisel. Use a hammer.



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



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



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



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



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



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AUTODOC recommends:

• Replacement: wheel bearing – CITROËN C3 Aircross II (2R_, 2C_). After applying the spray, wait a few minutes.

Install the brake disc assembled with the wheel hub bearing.



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



Replacement: wheel bearing – CITROËN C3 Aircross II (2R_, 2C_). AUTODOC experts recommend:

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

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



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



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



28 Install the brake caliper bracket.



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



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



AUTODOC recommends:

• Replacement: wheel bearing – CITROËN C3 Aircross II (2R_, 2C_). After applying the spray, wait a few minutes.

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



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Install the brake pads.



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.



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



Clean the brake disk surface. Use a brake cleaner.

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AUTODOC recommends:

 Replacement: wheel bearing – CITROËN C3 Aircross II (2R_, 2C_). After applying the spray, wait a few minutes.

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36 Install the wheel.



AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. CITROËN C3 Aircross II (2R_, 2C_)
- 37 Screw in the wheel bolts. Use wheel impact socket #17.



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.



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Remove the jacks and chocks.



Replacement: wheel bearing – CITROËN C3 Aircross II (2R_, 2C_). AUTODOC experts recommend:

- Check the brake fluid level in the expansion tank and refill if necessary.
- Tighten the brake fluid reservoir cap. Close the hood.

Replacement: wheel bearing – CITROËN C3 Aircross II (2R_, 2C_). AUTODOC experts recommend:

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



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WHEEL BEARING: A WIDE SELECTION

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