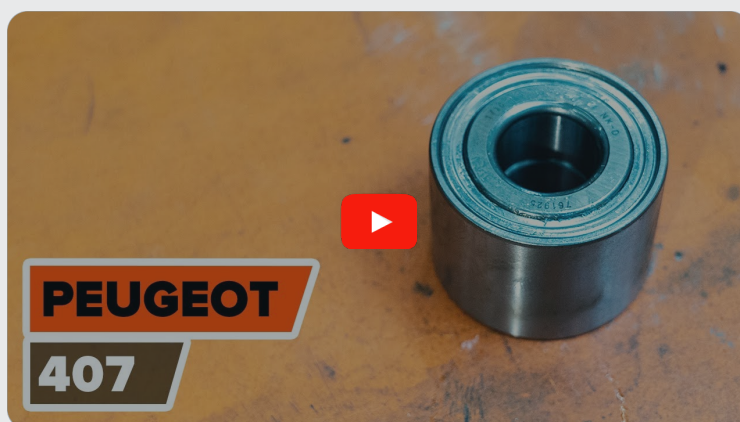




How to change rear  
wheel bearing on  
**CITROËN C6 (TD\_)** –  
replacement guide

### 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 C6 (TD\_) 3.0 V6, CITROËN C6 (TD\_) 2.7 HDi, CITROËN C6 (TD\_) 2.2 HDi,  
CITROËN C6 (TD\_) 3.0 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 407 Saloon 1.6 HDi 110 (6D9HZC, 6D9HYC)

REPLACEMENT: WHEEL BEARING – CITROËN C6 (TD\_).  
TOOLS YOU NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #13
- Combination spanner #15
- Drive socket # 41
- Torx bit T30
- Torx bit T55
- Wheel impact socket #19
- Ratchet wrench
- Torque wrench
- Flat chisel
- Hammer
- Rubber mallet
- Crow bar
- Wheel chock

**Buy tools**

**AUTODOC recommends:**

- Do not re-use the bearing assembly of your Peugeot 407 car.
- The wheel hub bearing replacement procedure is identical for both wheels on the same axle.
- Please note: all work on the car – CITROËN C6 (TD\_) – should be done with the engine switched off.

**CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:**

**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.



**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.  
CITROËN C6 (TD\_)

5

Remove the wheel.

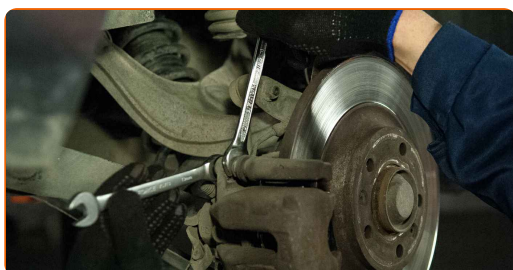


6

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

7

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



8

Spread the brake pads. Use a crowbar.



9

Remove the brake caliper.



Replacement: wheel bearing – CITROËN C6 (TD\_). AUTODOC experts recommend:

- 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.

**10** Remove the brake pads.



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



**12** Unscrew the caliper bracket fastening. Use Torx T55. Use a ratchet wrench.



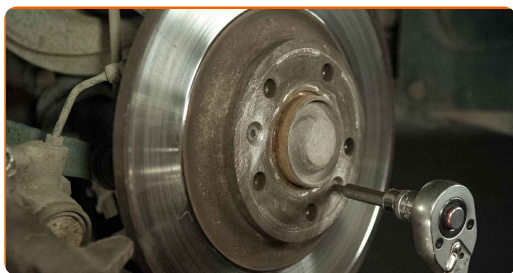
**13** Remove the caliper bracket.



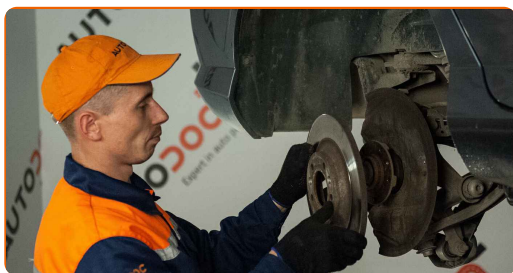
**14** Clean the brake disc fasteners. Use a wire brush. Use WD-40 spray.



**15** Unscrew the brake disc fastening. Use Torx T30. Use a ratchet wrench.



**16** Remove the brake disc.



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



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

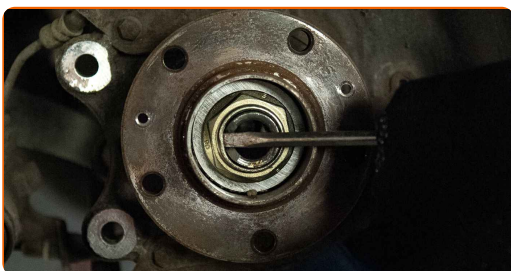




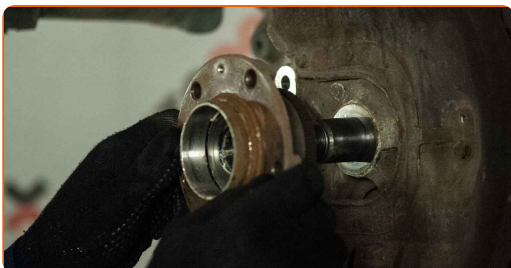
**19** Unscrew the wheel hub axle nut. Use a drive socket #41. Use a ratchet wrench.



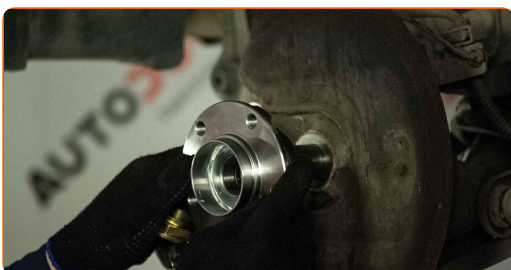
**20** Remove the fastening nut.



**21** Remove the hub and the bearing together, since they are a sealed unit.



**22** Install the new wheel hub with a bearing. Use a rubber mallet.



**23** Install the fastening nut.



24

Tighten the hub. Use a drive socket #41. Use a torque wrench. Tighten it to 250 Nm torque.

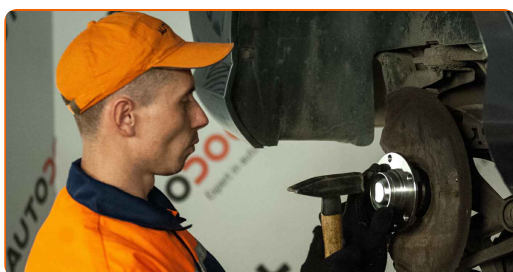


25

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

26

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



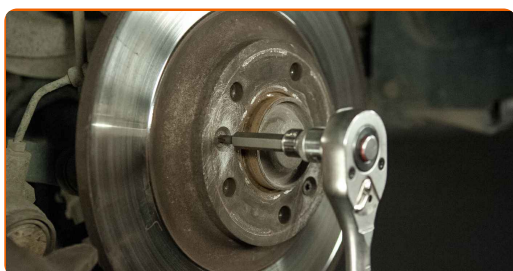
27

Install the brake disc.



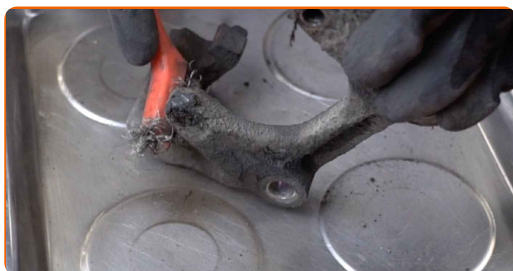
28

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



29

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



**AUTODOC recommends:**

- Replacement: wheel bearing – CITROËN C6 (TD\_). After applying the spray, wait a few minutes.

30

Install the brake caliper bracket.



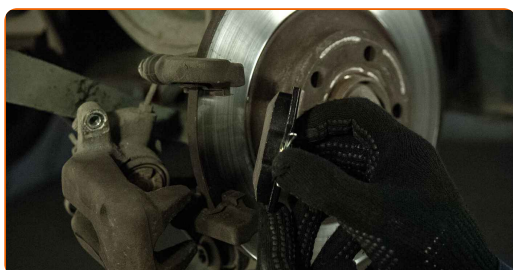
31

Tighten the brake caliper bracket. Use Torx T55. Use a torque wrench. Tighten it to 108 Nm torque.



32

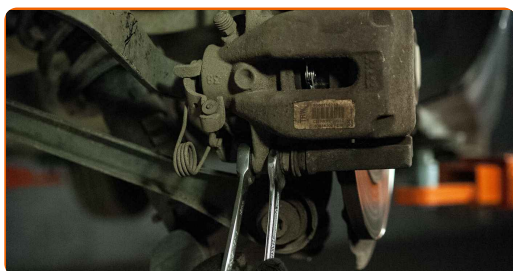
Install the brake pads.



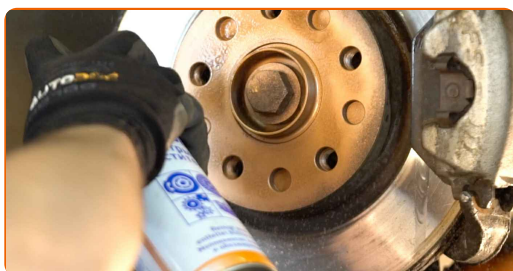
Replacement: wheel bearing – CITROËN C6 (TD\_). Tip from AUTODOC:

- If going to use the old brake pads, clean them.

**33** 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.



**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 C6 (TD\_). 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 C6 (TD\_)

**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 wheel impact socket #19. Use a torque wrench. Tighten it to 100 nm torque.





39

Remove the jacks and chocks.



**WELL DONE!** 

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