



How to change rear  
wheel bearing on **Citroen**  
**Xsara Picasso** –  
replacement guide

## VIDEO TUTORIAL



### Important!

This replacement procedure can be used for:

CITROËN Xantia Hatchback (X1\_, X2\_) 1.6 i, CITROËN Xantia Hatchback (X1\_, X2\_) 1.8 i, CITROËN Xantia Hatchback (X1\_, X2\_) 2.0 i, CITROËN Xantia Hatchback (X1\_, X2\_) 2.0 i 16V, CITROËN Xantia Hatchback (X1\_, X2\_) 1.9 D, CITROËN Xantia Hatchback (X1\_, X2\_) 1.8 i 16V, CITROËN Xantia Hatchback (X1\_, X2\_) 2.1 Turbo D 12V, CITROËN Xantia Estate (X1\_, X2\_) 2.0 i, CITROËN Xantia Estate (X1\_, X2\_) 1.8 i, CITROËN Xantia Estate (X1\_, X2\_) 2.0 i 16V, CITROËN Xantia Estate (X1\_, X2\_) 1.9 Turbo D, CITROËN Xantia Hatchback (X1\_, X2\_) 1.9 SD, CITROËN Berlingo / Berlingo First Van (M\_) 1.1 i, CITROËN Berlingo / Berlingo First Van (M\_) 1.4 i, CITROËN Berlingo / Berlingo First Van (M\_) 1.8 D, (+ 46)

The steps may slightly vary depending on the car design.

**REPLACEMENT: WHEEL BEARING – CITROEN XSARA PICASSO. LIST OF THE TOOLS YOU'LL NEED:**



- Wire brush
- WD-40 spray
- All-purpose cleaning spray
- Copper grease
- Torx bit T30
- Drive socket # 32
- Drive socket # 34
- Wheel impact socket #19
- Torque wrench
- Flat chisel
- Hammer
- Tap wrench
- Impact screwdriver
- Rubber mallet
- 3-Arm Gear Puller
- Crow bar
- Wheel chock

**BUY TOOLS**

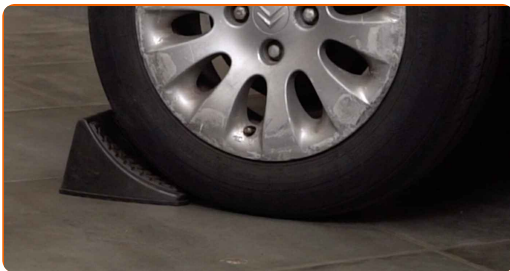
Replacement: wheel bearing – Citroen Xsara Picasso. AUTODOC experts recommend:

- Do not re-use the bearing assembly of your Citroen Xsara Picasso car.
- The wheel hub bearing replacement procedure is identical for both wheels on the same axle.
- Warning! Shut down the engine before starting any work – Citroen Xsara Picasso.

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

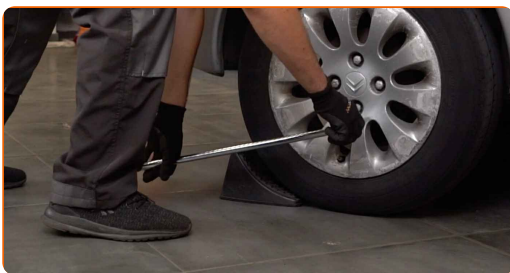
1

Secure the wheels with chocks.



2

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

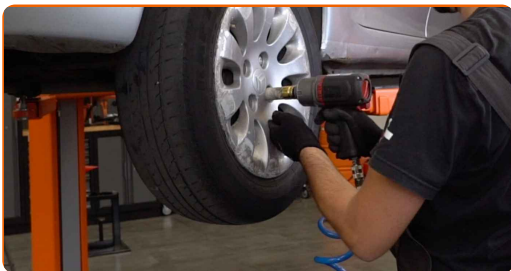


3

Raise the rear of the car and secure on supports.



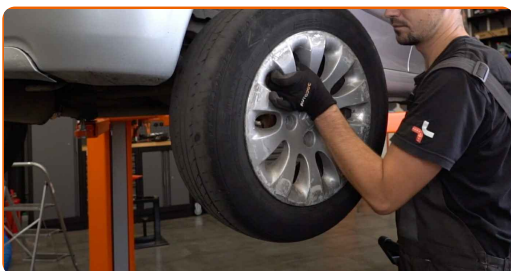
**4** Unscrew the wheel bolts.



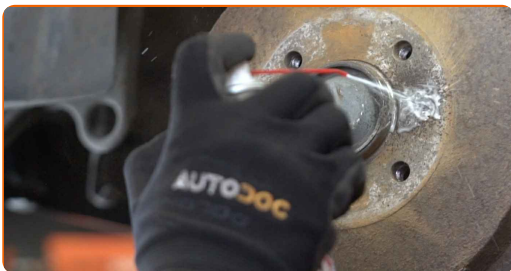
**Replacement: wheel bearing – Citroen Xsara Picasso. Tip:**

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

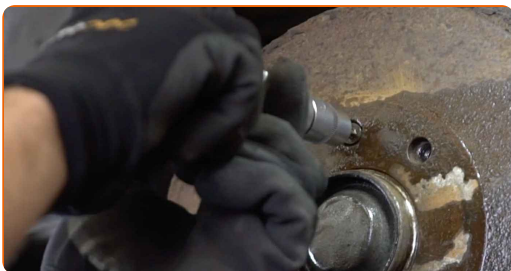
**5** Remove the wheel.



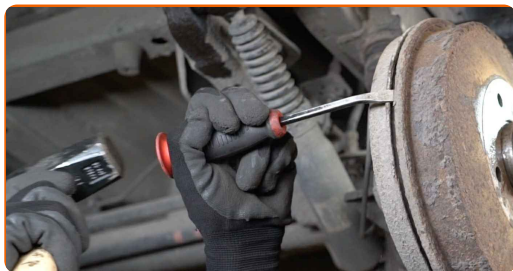
**6** Clean the brake drum. Use a wire brush. Use WD-40 spray.



**7** Unscrew the brake drum fastening. Use Torx T30. Use an impact screwdriver. Use a hammer.



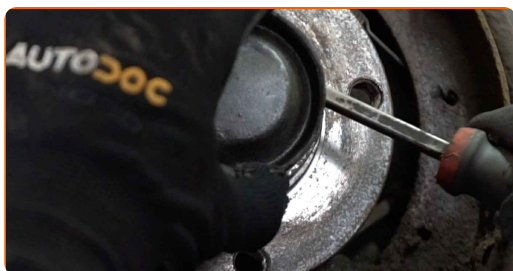
**8** Remove the brake drum. Use a crowbar. Use a hammer.



Replacement: wheel bearing – Citroen Xsara Picasso. AUTODOC recommends:

- Examine the brake drum. Replace it if necessary.

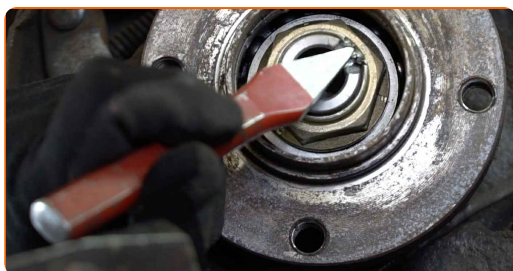
**9** Remove the hub bearing protection cap. Use a crowbar. Use a hammer.



Replacement: wheel bearing – Citroen Xsara Picasso. Tip from AUTODOC:

- Some cars are not equipped with wheel hub caps.

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



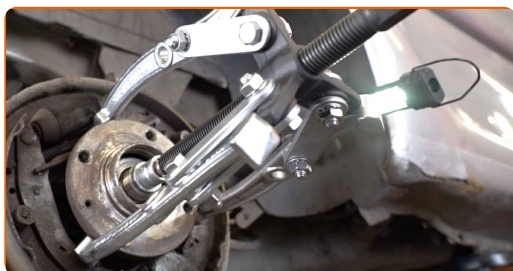
**11**

Unscrew the wheel hub axle nut. Use a drive socket #34. Use a tap wrench.



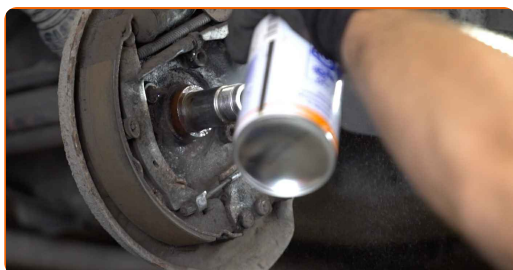
**12**

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



**13**

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



**14**

Install the new wheel hub with a bearing.



**15**

Tighten the hub. Use a drive socket #32. Use a torque wrench. Tighten it to 225 Nm torque.



Replacement: wheel bearing – Citroen Xsara Picasso. Tip from AUTODOC experts:

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

**16**

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



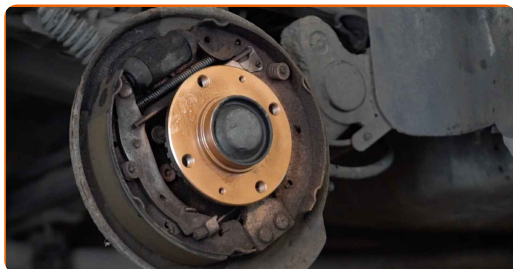
**17**

Apply special grease to the bearing assembly mounting seat. Use copper grease.

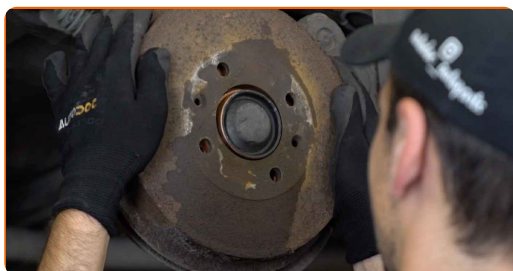




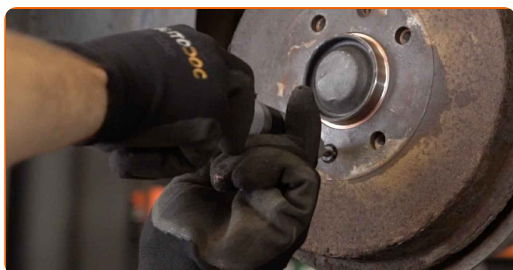
**18** Install the hub bearing protection cap. Use a rubber mallet.



**19** Install the brake drum and fasten it.

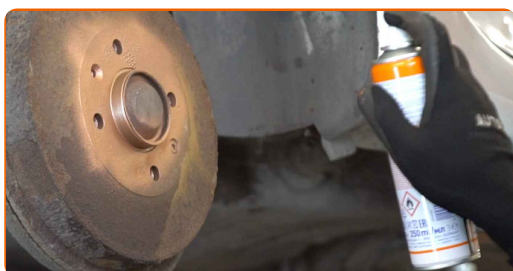


**20** Tighten the brake drum fasteners. Use Torx T30. Use a torque wrench. Tighten it to 10 Nm torque.



**21** Clean the wheel rim mounting seat. Use a wire brush.

**22** Treat the surface where the wheel rim contacts the brake drum. Use copper grease.



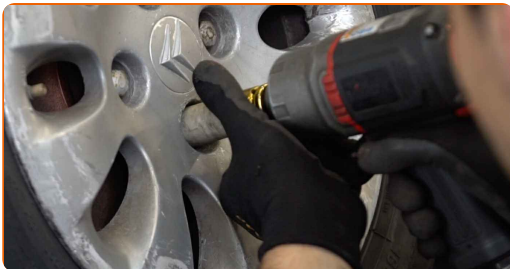
**23** Install the wheel.



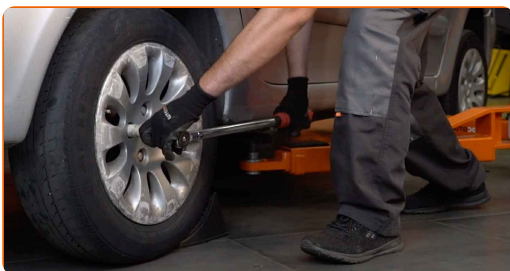
Replacement: wheel bearing – Citroen Xsara Picasso. Professionals recommend:

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

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

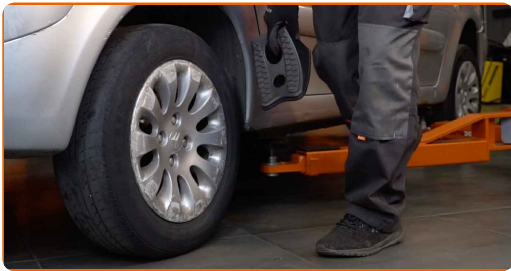


**25** Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 100 nm torque.



26

Remove the jacks and chocks.



**WELL DONE!** 

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