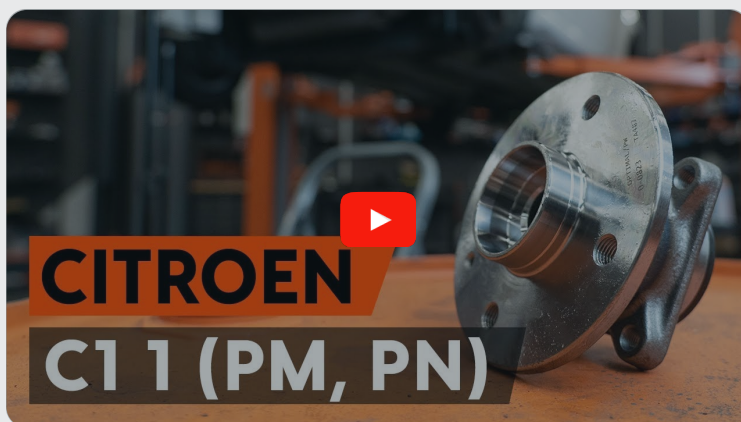




How to change rear
wheel bearing on **Citroen**
C11 PM PN –
replacement guide

VIDEO TUTORIAL

** Important!**

This replacement procedure can be used for:
CITROËN C1 (PM_, PN_) 1.4 HDi

The steps may slightly vary depending on the car design.

REPLACEMENT: WHEEL BEARING – CITROEN C1 1 PM
PN. TOOLS YOU MIGHT NEED:



- Wire brush
- WD-40 spray
- Copper grease
- Torx bit T30
- Drive socket # 12
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Tap wrench
- Impact screwdriver
- Hub slide hammer puller
- Wheel chock

BUY TOOLS

Replacement: wheel bearing – Citroen C1 1 PM PN. Tip from AUTODOC experts:

- Do not re-use the bearing assembly of your Citroen C1 1 PM PN 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 – CITROEN C1 1 PM PN. RECOMMENDED SEQUENCE OF STEPS:

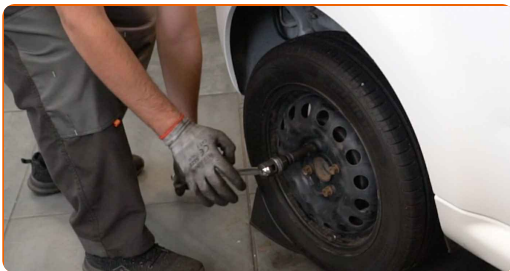
1

Secure the wheels with chocks.



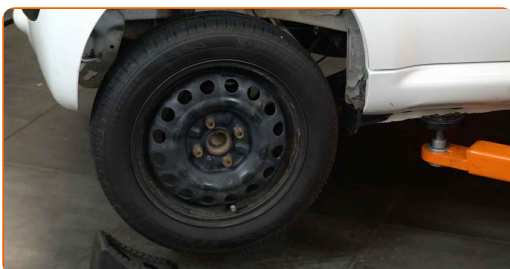
2

Loosen the wheel mounting bolts. Use wheel impact socket #17.

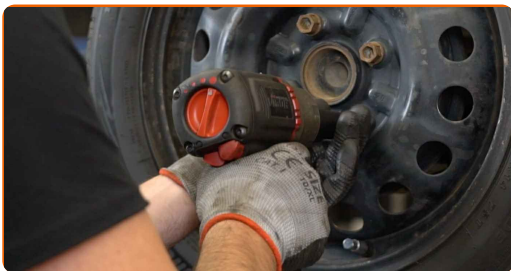


3

Raise the rear of the car and secure on supports.



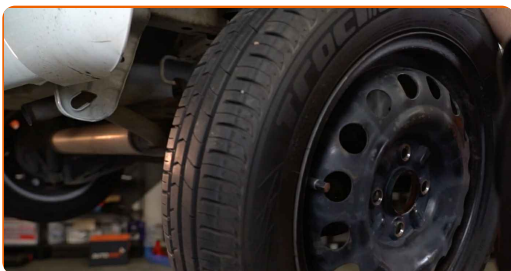
4 Unscrew the wheel bolts.



AUTODOC recommends:

- Important! Hold the wheel while unscrewing the fastening bolts. Citroen C1 1 PM PN

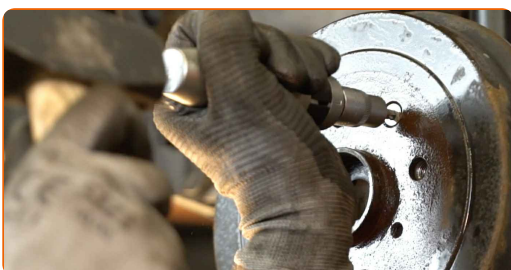
5 Remove the wheel.



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.



8 Remove the brake drum.



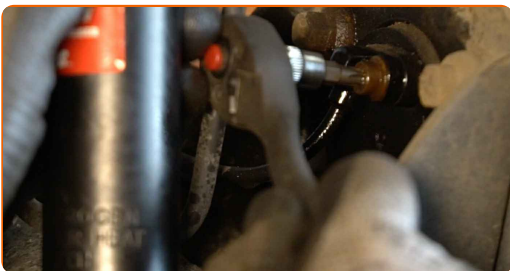
Replacement: wheel bearing – Citroen C1 1 PM PN. AUTODOC recommends:

- Examine the brake drum. Replace it if necessary.

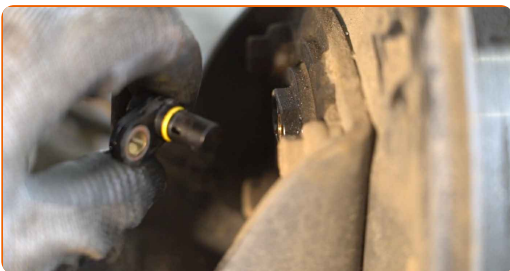
9 Clean the ABS sensor fastener. Use a wire brush. Use WD-40 spray.



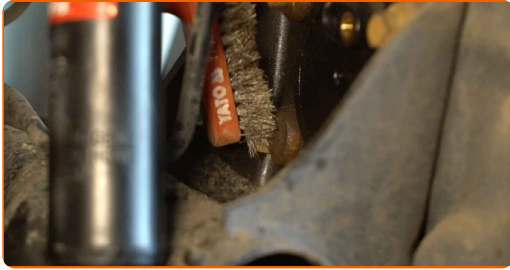
10 Unscrew the ABS sensor fastener. Use Torx T30. Use a ratchet wrench.



11 Disconnect the ABS sensor.



12 Clean the wheel hub fastener. Use a wire brush. Use WD-40 spray.



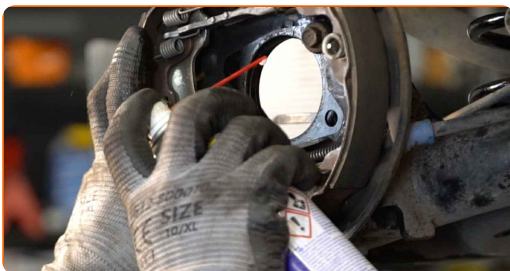
13 Unscrew the hub bearing mounting. Use a drive socket #12. Use a ratchet wrench. Use a tap wrench.



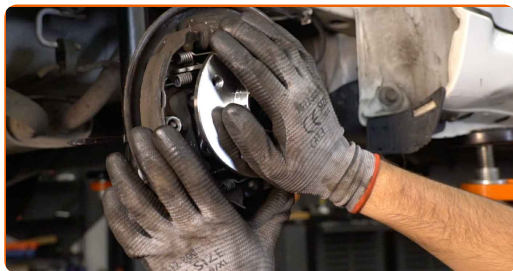
14 Remove the hub and the bearing together, since they are a sealed unit. Use the hub slide hammer puller.



15 Clean the hub bearing mounting seat. Use a wire brush.



16 Install the new wheel hub with a bearing.



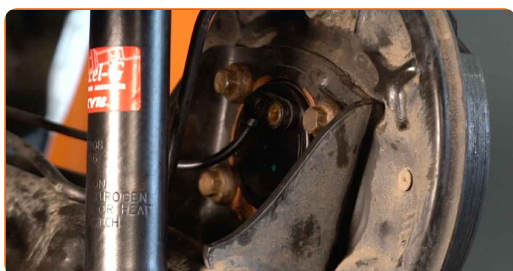
17 Tighten the fastener of the wheel hub bearing. Use a drive socket #12. Use a torque wrench. Tighten it to 60 nm torque.



Replacement: wheel bearing – Citroen C1 1 PM PN. Professionals recommend:

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

18 Connect the ABS sensor.



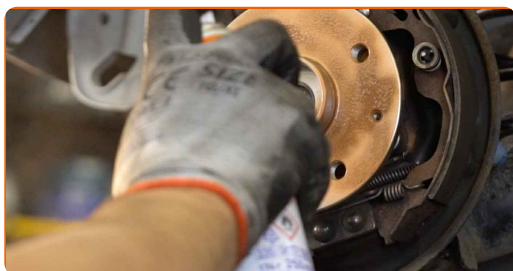
19

Screw in the ABS sensor fastener. Use Torx T30. Use a ratchet wrench.



20

Treat the wheel hub in the area where it contacts the brake drum. Use copper grease.



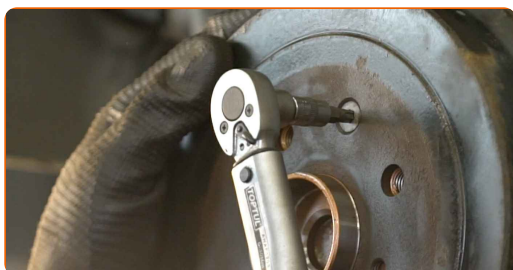
21

Install the brake drum and fasten it.

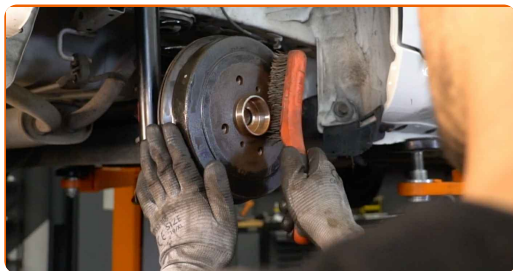


22

Tighten the brake drum fastener. Use Torx T30. Use a torque wrench. Tighten it to 5 Nm torque.



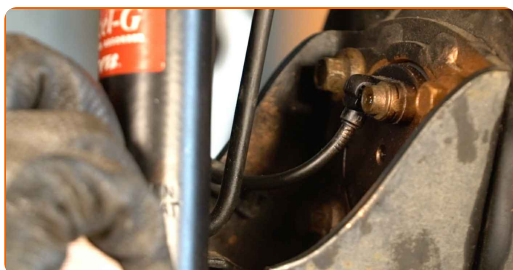
23 Clean the wheel rim mounting seat. Use a wire brush.



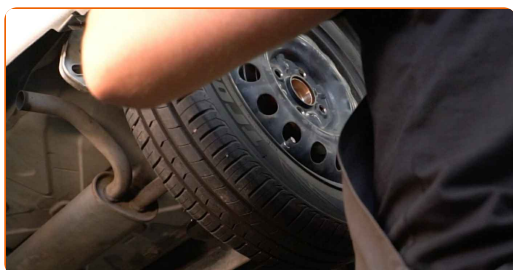
24 Treat the surface where the wheel rim contacts the brake drum. Use copper grease.



25 Treat the fasteners of the wheel hub bearing. Use copper grease.



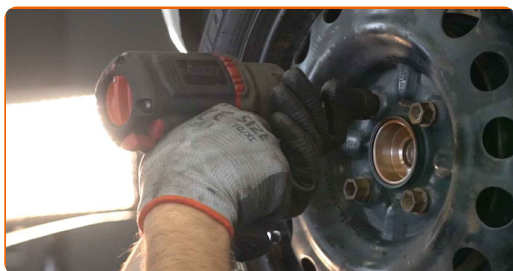
26 Install the wheel.



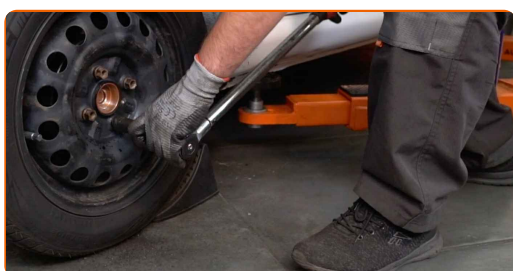
Replacement: wheel bearing – Citroen C1 1 PM PN. AUTODOC experts recommend:

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

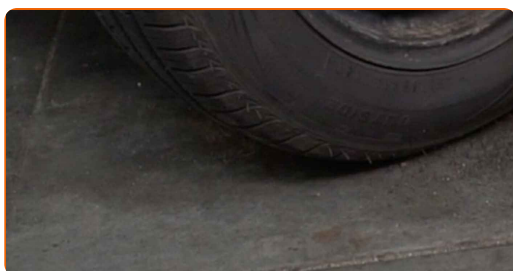
27 Screw in the wheel bolts. Use wheel impact socket #17.



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



29 Remove the jacks and chocks.



WELL DONE! 

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