



How to change rear  
shock absorbers on  
**Citroen Xsara Picasso** –  
replacement guide

## VIDEO TUTORIAL



### **i Important!**

This replacement procedure can be used for:

CITROËN XSARA PICASSO (N68) 1.6 16V, CITROËN XSARA PICASSO (N68) 1.6, CITROËN XSARA PICASSO (N68) 1.8 16V, CITROËN XSARA PICASSO (N68) 2.0 16V, CITROËN XSARA PICASSO (N68) 1.6 HDi, CITROËN XSARA PICASSO (N68) 1.6 Chrono, CITROËN XSARA PICASSO (N68) 1.8 SX

The steps may slightly vary depending on the car design.

## REPLACEMENT: SHOCK ABSORBERS – CITROEN XSARA PICASSO. TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Copper grease
- Combination spanner #24
- HEX bit No.H14.
- Drive socket # 24
- Wheel impact socket #19
- Ratchet wrench
- Torque wrench
- Hammer
- Tap wrench
- Pin punch
- Hydraulic transmission jack
- Wheel chock

**BUY TOOLS**

### Replacement: shock absorbers – Citroen Xsara Picasso. AUTODOC recommends:

- Both shock absorbers of the rear suspension should be replaced simultaneously.
- The replacement procedure is identical for the left and right shock absorbers of the rear suspension.
- All work should be done with the engine stopped.

## REPLACEMENT: SHOCK ABSORBERS – CITROEN XSARA PICASSO. TAKE THE FOLLOWING STEPS:

1 Secure the wheels with chocks.



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

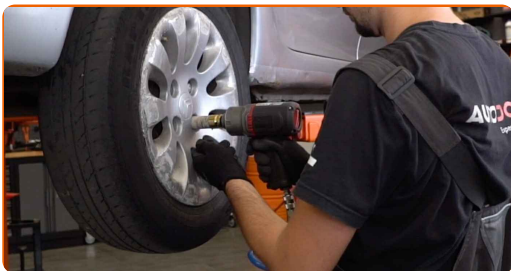


3 Raise the rear of the car and secure on supports.



4

Unscrew the wheel bolts.

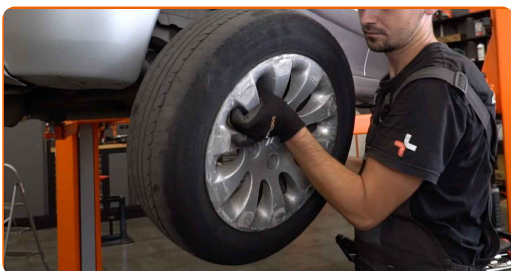


Replacement: shock absorbers – Citroen Xsara Picasso. Tip:

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

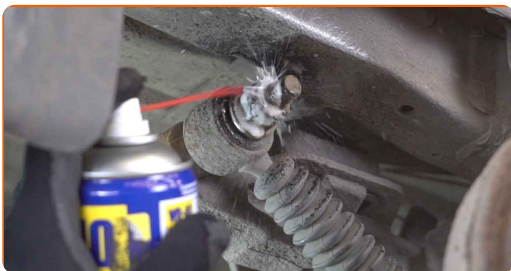
5

Remove the wheel.



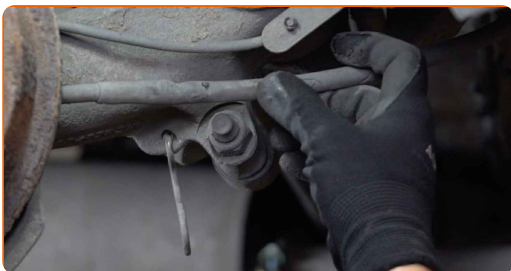
6

Clean the shock absorber fasteners. Use a wire brush. Use WD-40 spray.

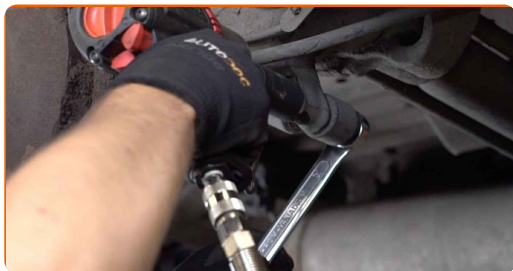


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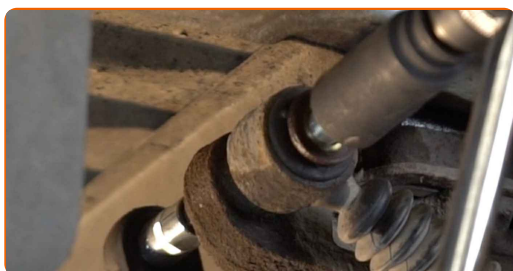
Release the parking brake cable.



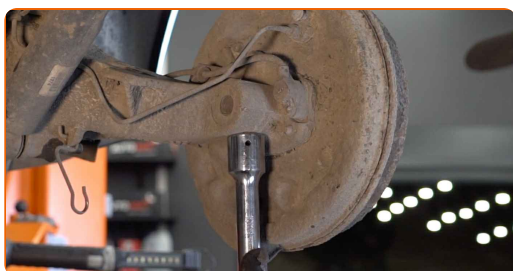
- 8 Unscrew the lower fastener of the shock absorber. Use a drive socket #24. Use a combination spanner #24.



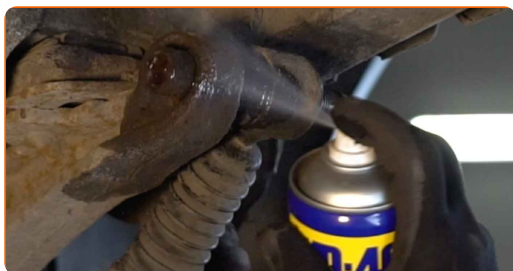
- 9 Unscrew the upper fastener of the shock absorber. Use a drive socket #24. Use HEX No.H14. Use a ratchet wrench. Use a tap wrench.



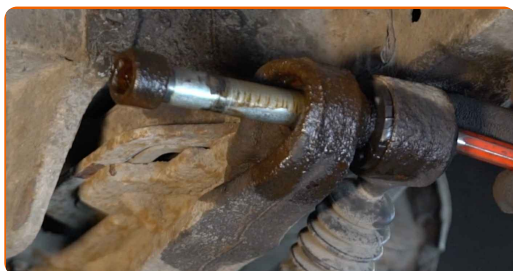
- 10 Support the rear suspension beam. Use a hydraulic transmission jack.



- 11 Treat the shock absorber fasteners. Use WD-40 spray.



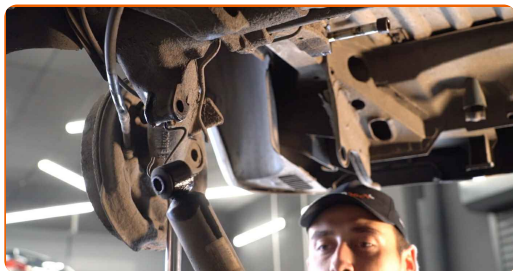
- 12 Remove the fastening bolts. Use a pin punch. Use a hammer.





13

Remove the shock absorber.



Replacement: shock absorbers – Citroen Xsara Picasso. AUTODOC experts recommend:

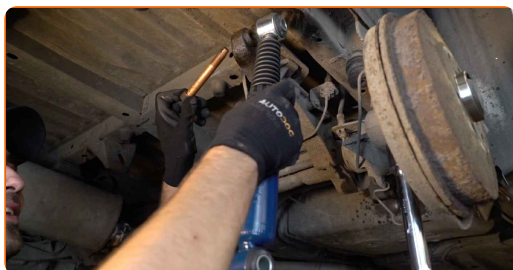
- Before installing a new shock absorber you should pump it manually 3-5 times.

14

Clean the shock absorber mounting seats. Use a wire brush. Use WD-40 spray.

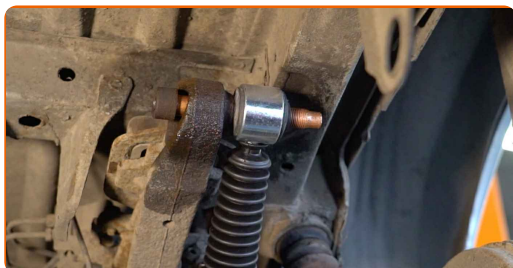
15

Place the shock absorber in the wheel arch and secure it.



16

Install the fastening bolts.



### AUTODOC recommends:

- Important! Hold the shock absorber while screwing in the fastening bolts. Citroen Xsara Picasso

17

Screw the upper fastener of the shock absorber. Use a drive socket #24. Use HEX No.H14. Use a ratchet wrench. Use a tap wrench.



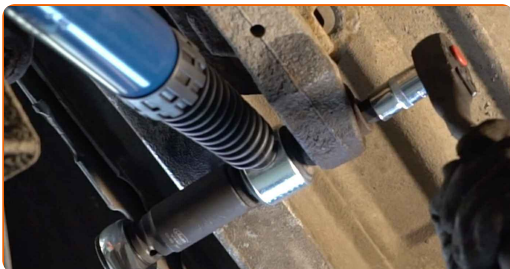
18

Tighten the lower fastener of the shock absorber. Use a combination spanner #24. Use a drive socket #24. Use a torque wrench. Tighten it to 110 Nm torque.



19

Tighten the top shock absorber fastening. Use a drive socket #24. Use HEX No.H14. Use a ratchet wrench. Use a torque wrench. Tighten it to 110 Nm torque.





20

Remove the mounting from under the rear axle beam.

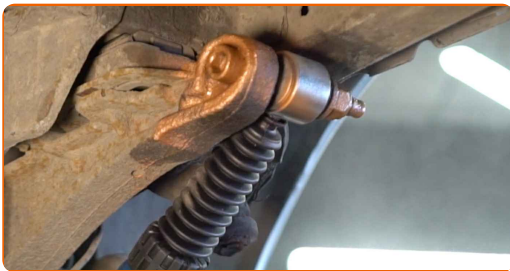


### AUTODOC recommends:

- Replacement: shock absorbers – Citroen Xsara Picasso. Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

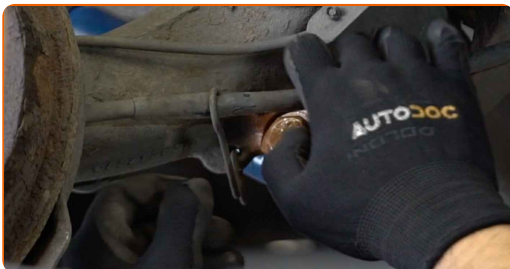
21

Treat the shock absorber fasteners. Use copper grease.



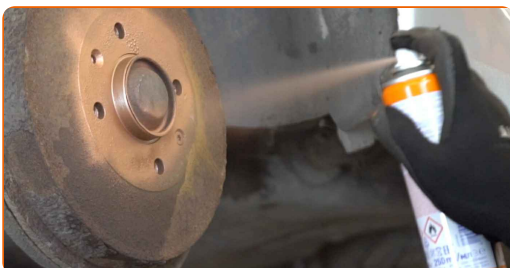
22

Secure the parking brake cable.



23

Clean the wheel rim mounting seat. Use a wire brush. Treat the contacting surface. Use copper grease.



24

Install the wheel.

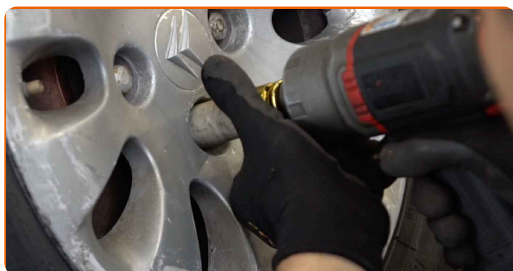


Replacement: shock absorbers – Citroen Xsara Picasso. Tip from AUTODOC:

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

25

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



26

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



27

Remove the jacks and chocks.



**WELL DONE!** 

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