



How to change rear
shock absorbers on
CITROËN C4 Saloon L –
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 C4 Saloon L 1.6 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 307 SW (3H) 2.0 HDi 135

REPLACEMENT: SHOCK ABSORBERS – CITROËN C4 SALOON L. LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Torque wrench
- Combination spanner #13
- Drive socket # 13
- Drive socket # 15
- Drive socket # 16
- Wheel impact socket #17
- Ratchet wrench
- Shock absorber socket #DD6
- Vice
- Hydraulic transmission jack
- Wheel chock

Buy tools

Replacement: shock absorbers – CITROËN C4 Saloon L. Tip from AUTODOC experts:

- 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.
- Please note: all work on the car – CITROËN C4 Saloon L – 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 #17.



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

4

Unscrew the wheel bolts.



Replacement: shock absorbers – CITROËN C4 Saloon L. AUTODOC recommends:

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

5

Remove the wheel.



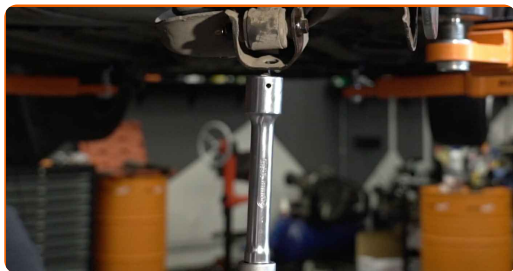
6

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



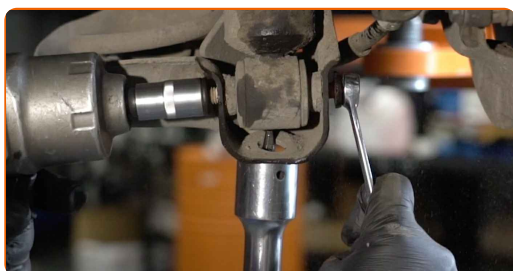
7

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



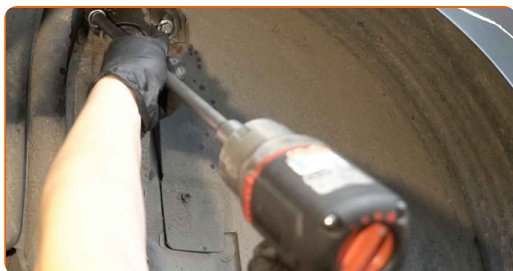
8

Unscrew the lower fastener of the shock absorber. Use a combination spanner #13. Use a drive socket #15. Use a ratchet wrench.



9

Unscrew the upper fastener of the shock absorber. Use a drive socket #13. Use a ratchet wrench.



AUTODOC recommends:

- Important! Hold the shock absorber while unscrewing the fastening bolts.
- CITROËN C4 Saloon L

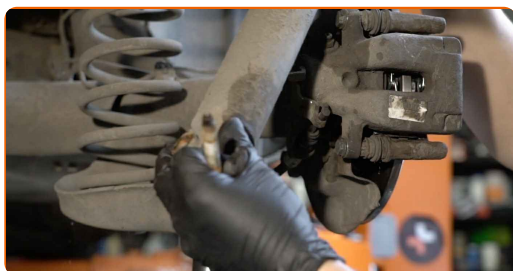
10

Remove the fastening bolts.



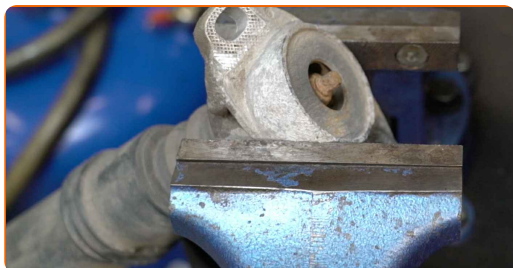
11

Remove the shock absorber.



12

Grip the shock absorber in a vice.



13

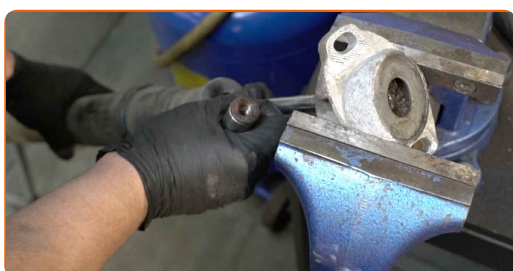
Clean the shock absorber rod fastener. Use a wire brush. Use WD-40 spray.



- 14** Remove the shock absorber piston rod fastening. Use a shock absorber socket DDN#6. Use a drive socket #16. Use a ratchet wrench.



- 15** Remove the shock absorber mount, boot and bump stop.



AUTODOC recommends:

- Replacement: shock absorbers – CITROËN C4 Saloon L. Carefully inspect the mount, the boot, and the bump stop of the shock absorber. Replace if necessary.
- Before installing a new shock absorber you should pump it manually 3-5 times.

- 16** Install the mount, boot and bump stop onto a new shock absorber.



- 17** Tighten the shock absorber rod nut. Use a shock absorber socket DDN[®]6. Use a drive socket #16. Use a torque wrench. Tighten it to 38 nm torque.



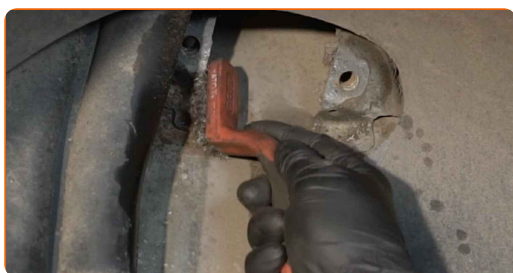
- 18** Treat the shock absorber rod fastener. Use copper grease.



- 19** Release the vice and take out the shock absorber.



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



- 21** Treat the shock absorber mounting seats. Use copper grease.

22

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



Replacement: shock absorbers – CITROËN C4 Saloon L. Tip:

- To avoid injury, hold the shock absorber cautiously tight when screwing in the fastening bolts.

23

Install the fastening bolts.



24

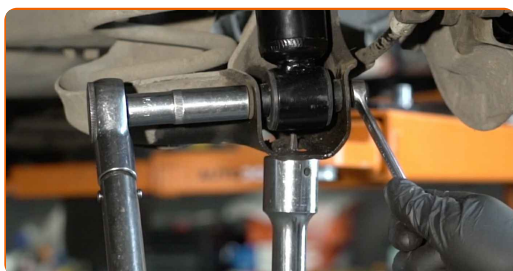
Tighten the top shock absorber fastening. Use a drive socket #13. Use a torque wrench. Tighten it to 45 Nm torque.



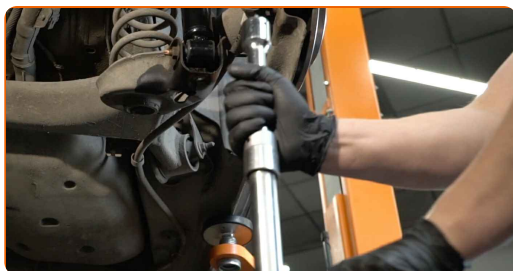
25 Raise the hydraulic transmission jack by 10-15 cm.



26 Tighten the lower fastener of the shock absorber. Use a combination spanner #13. Use a drive socket #15. Use a torque wrench. Tighten it to 57 Nm torque.



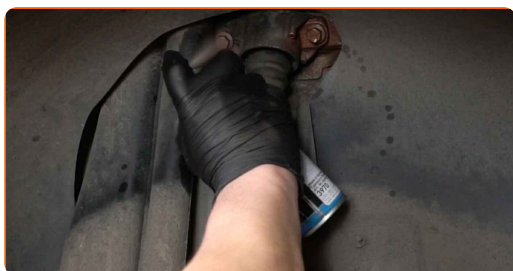
27 Remove the mounting from under the rear axle beam.



AUTODOC recommends:

- Replacement: shock absorbers – CITROËN C4 Saloon L. Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

28 Treat the shock absorber fasteners. Use copper grease.



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



30 Clean the brake disk surface. Use a brake cleaner.



Replacement: shock absorbers – CITROËN C4 Saloon L. Tip from AUTODOC:

- After applying the spray, wait a few minutes.

31 Install the wheel.



AUTODOC recommends:

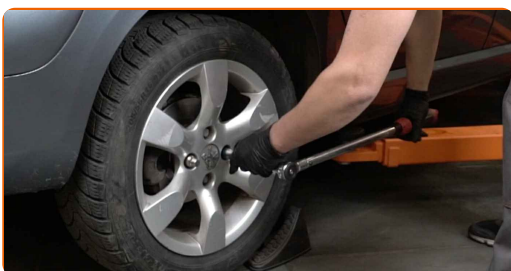
- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. CITROËN C4 Saloon L

32

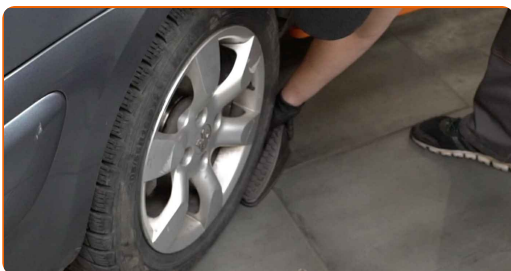
Screw in the wheel bolts. Use wheel impact socket #17.

**33**

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.

**34**

Remove the jacks and chocks.



WELL DONE! 

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