



How to change rear  
shock absorbers on  
**CITROËN C4 I (LC\_)** –  
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 I (LC\_) 1.4 16V, CITROËN C4 I (LC\_) 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 I (LC\_). 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 I (LC\_). 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 I (LC\_) – 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 I (LC\_). AUTODOC recommends:

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

5

Remove the wheel.



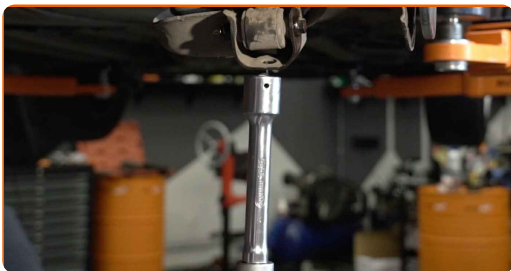
6

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



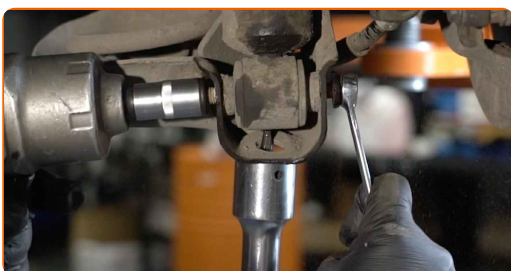
7

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



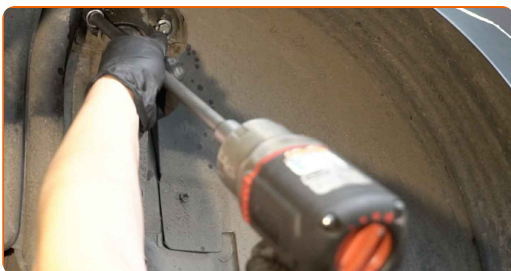
8

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 I (LC\_)

**10** Remove the fastening bolts.



**11** Remove the shock absorber.



**12** Grip the shock absorber in a vice.



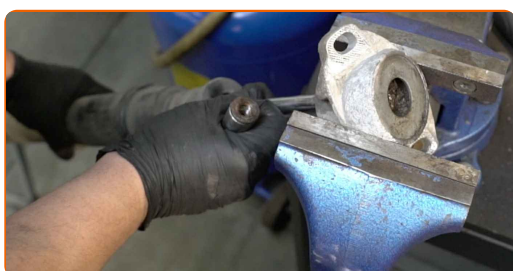
**13** Clean the shock absorber rod fastener. Use a wire brush. Use WD-40 spray.



- 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 I (LC\_). 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.

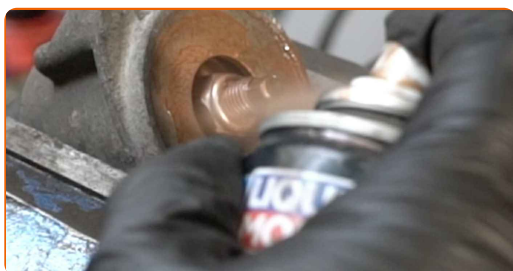




- 17** Tighten the shock absorber rod nut. Use a shock absorber socket DDN<sup>®</sup>6. Use a drive socket #16. Use a torque wrench. Tighten it to 38 nm torque.



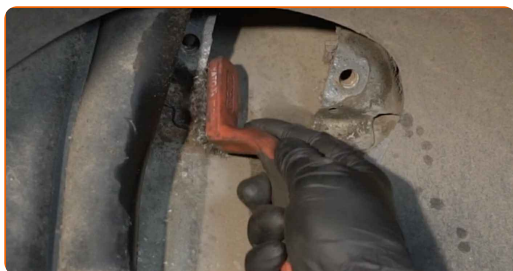
- 18** Treat the shock absorber rod fastener. Use copper grease.



- 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 I (LC\_). Tip:

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

23

Install the fastening bolts.



24

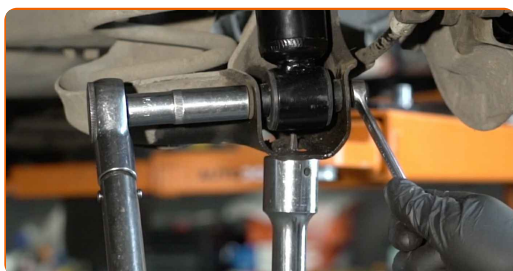
Tighten the top shock absorber fastening. Use a drive socket #13. Use a torque wrench. Tighten it to 45 Nm torque.



**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.



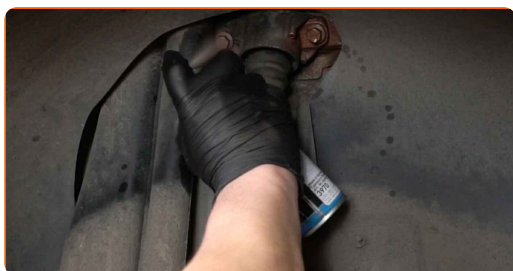
**27** Remove the mounting from under the rear axle beam.



**AUTODOC recommends:**

- Replacement: shock absorbers – CITROËN C4 I (LC\_). 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 I (LC\_). 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 I (LC\_)

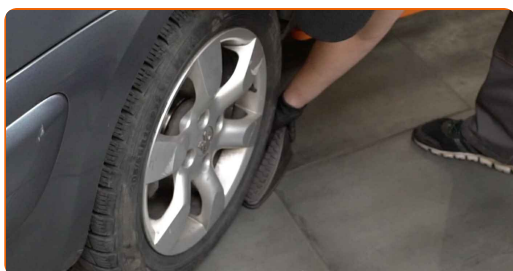
**32** Screw in the wheel bolts. Use wheel impact socket #17.



**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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