



How to change rear  
shock absorbers on  
**CITROËN BERLINGO (B9)**  
– replacement guide

### SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

### **Important!**

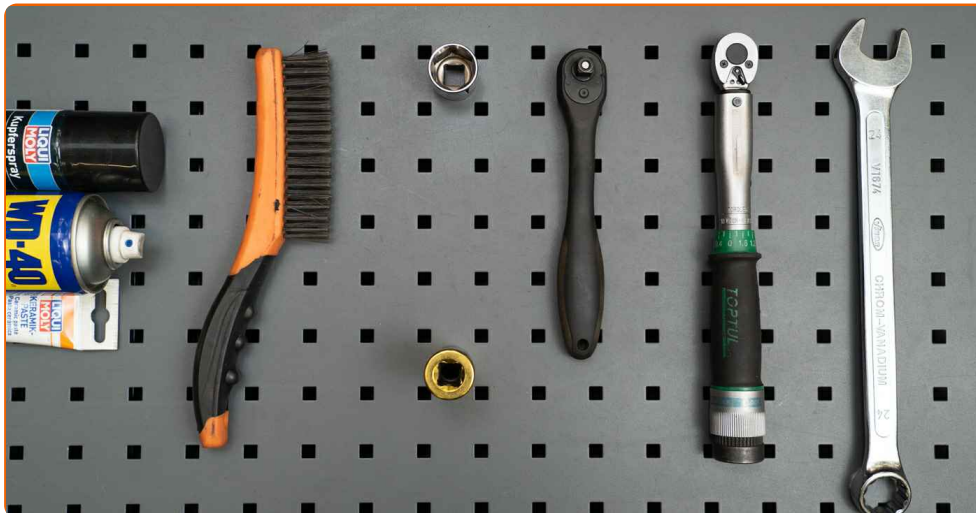
This replacement procedure can be used for:

CITROËN BERLINGO (B9) 1.6 HDi 90, CITROËN BERLINGO (B9) 1.6, CITROËN BERLINGO (B9) 1.6 HDi 75 16V, CITROËN BERLINGO (B9) 1.6 HDi 110, CITROËN BERLINGO (B9) 1.6 VTi 120, CITROËN BERLINGO (B9) 1.6 VTi 95, CITROËN BERLINGO (B9) 1.6 HDi 115, CITROËN BERLINGO (B9) 1.6 HDi 75 / BlueHDi 75, CITROËN BERLINGO (B9) 1.6 HDi 90 4x4, CITROËN BERLINGO (B9) 1.6 HDi 115 4x4

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: CITROËN Berlingo / Berlingo First Van (M\_) 1.9 D

REPLACEMENT: SHOCK ABSORBERS – CITROËN BERLINGO (B9). TOOLS YOU MIGHT NEED:



- Wire brush
- WD-40 spray
- Ceramic grease
- Copper grease
- Torque wrench
- Combination spanner #24
- Drive socket # 24
- Wheel impact socket #19
- Ratchet wrench
- Hydraulic transmission jack
- Wheel chock

**Buy tools**

Replacement: shock absorbers – CITROËN BERLINGO (B9). Tip from AUTODOC:

- 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 BERLINGO (B9) – 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 #19.



**3** Raise the car.

Replacement: shock absorbers – CITROËN BERLINGO (B9). Professionals recommend:

- If you are using a jack, make sure it rests on a flat surface without any unevenness.
- Be sure to additionally secure the car with jack stands.

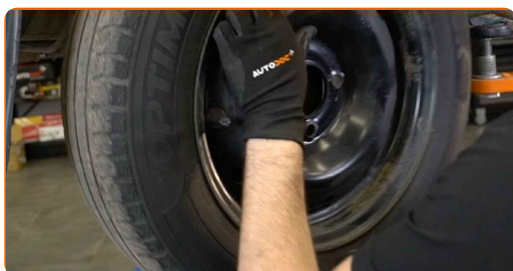
**4** Unscrew the wheel bolts.



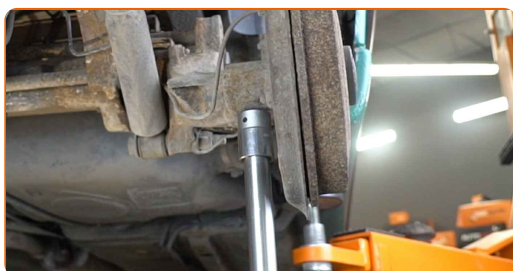
**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.  
CITROËN BERLINGO (B9)

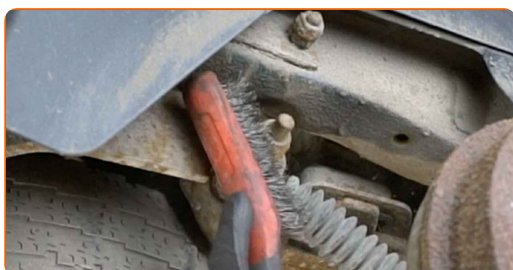
**5** Remove the wheel.



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

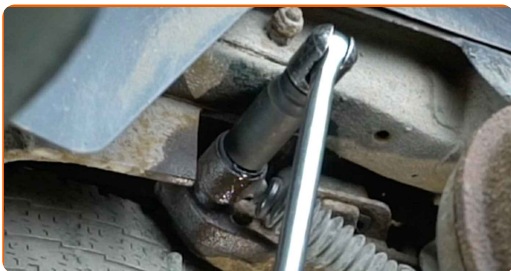


**7** Clean the shock absorber fasteners. Use a wire brush. Use WD-40 spray.



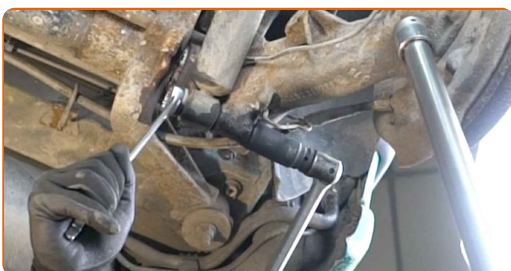
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Unscrew the upper fastener of the shock absorber. Use a drive socket #24. Use a ratchet wrench.



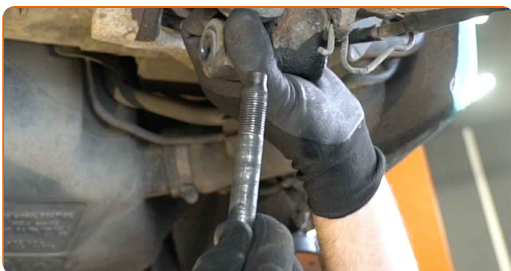
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Unscrew the lower fastener of the shock absorber. Use a combination spanner #24. Use a drive socket #24. Use a ratchet wrench.



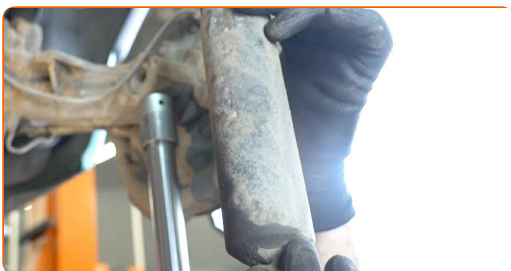
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Remove the fastening bolt.

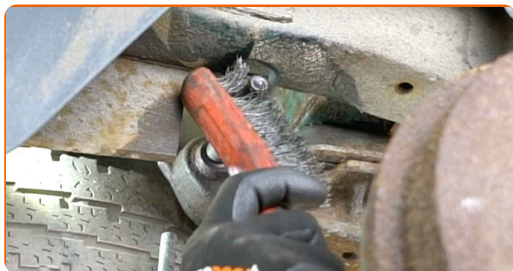


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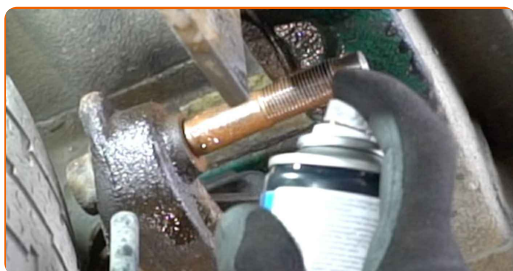
Remove the shock absorber.



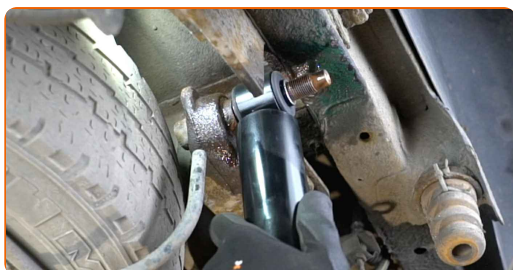
**12** Clean the shock absorber mounting seats. Use a wire brush. Use WD-40 spray.



**13** Treat the shock absorber mounting seats. Use copper grease.



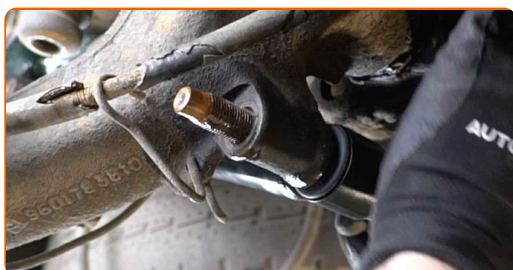
**14** Place the shock absorber in the wheel arch and fasten it.



**Replacement: shock absorbers – CITROËN BERLINGO (B9). Tip from AUTODOC:**

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

**15** Install the fastening bolt.



**AUTODOC recommends:**

- For tightening the fasteners correctly, you have to jack up the suspension components to their working position.

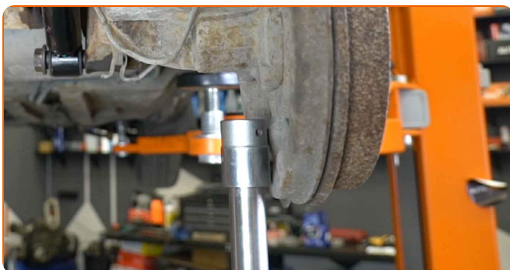
**16** Tighten the lower fastener of the shock absorber. Use a combination spanner #24. Use a drive socket #24. Use a torque wrench. Tighten it to 110 Nm torque.



**17** Tighten the top shock absorber fastening. Use a drive socket #24. Use a torque wrench. Tighten it to 110 Nm torque.



**18** Remove the support from under the rear axle beam.

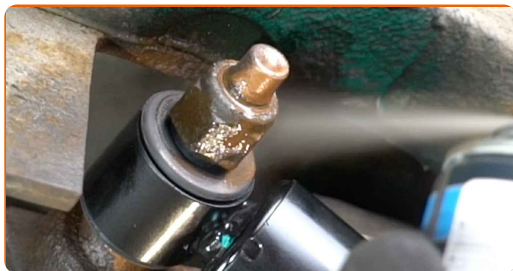


**AUTODOC recommends:**

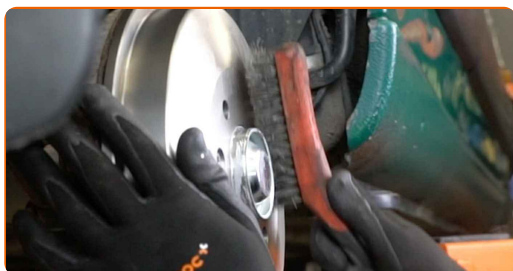
- Replacement: shock absorbers – CITROËN BERLINGO (B9). Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.



**19** Treat the shock absorber fasteners. Use copper grease.



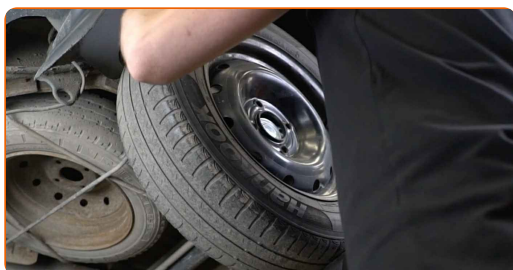
**20** Clean the wheel rim mounting seat. Use a wire brush.



**21** Treat the surface where the wheel rim contacts the brake drum. Use ceramic grease.



**22** Install the wheel.



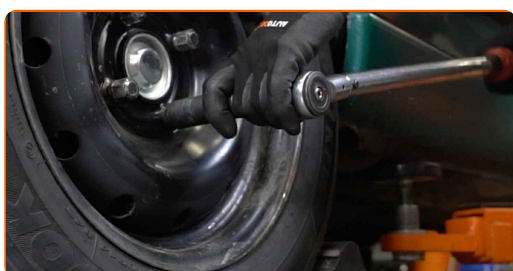
**AUTODOC recommends:**

- Important! Hold the wheel while screwing in the fastening bolts. CITROËN BERLINGO (B9)

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



**24** Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #19. Use a torque wrench. Tighten it to 90 Nm torque.



**25** Remove the jacks and chocks.



**WELL DONE!** 

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