



How to change rear coil  
springs on **OPEL Vivaro**  
**A Platform / Chassis**  
**(X83)** – 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:

OPEL Vivaro A Platform / Chassis (X83) 2.5 DTi, OPEL Vivaro A Platform / Chassis (X83) 2.5 CDTI, OPEL Vivaro A Platform / Chassis (X83) 2.0 16V, OPEL Vivaro A Platform / Chassis (X83) 1.9 DTI

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: OPEL Vivaro A Combi (X83) 2.5 CDTI (F7, J7, A07)

## REPLACEMENT: COIL SPRINGS – OPEL VIVARO A PLATFORM / CHASSIS (X83). TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- All-purpose cleaning spray
- Torque wrench
- 21 mm combination spanner
- 21 mm socket
- Ratchet wrench or power tool for removal/installation of threaded fasteners
- Transmission jack or a second vehicle jack
- Car lift or jack with jack stands, and wheel chocks

[Buy tools](#)

Replacement: coil springs – OPEL Vivaro A Platform / Chassis (X83).  
AUTODOC recommends:

- Both coil springs of the rear suspension should be replaced simultaneously.
- The replacement procedure is identical for the left and right coil springs of the rear suspension.
- All the work should be carried out with the ignition switched off.

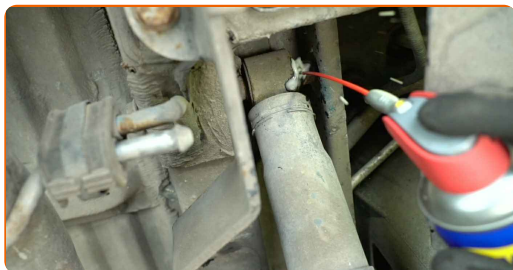
## REPLACEMENT: COIL SPRINGS – OPEL VIVARO A PLATFORM / CHASSIS (X83). RECOMMENDED SEQUENCE OF STEPS:

1 Raise the vehicle.

### Warning!

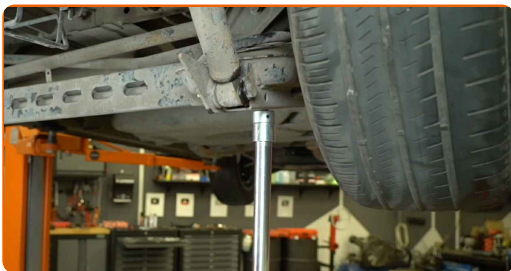
- If you are using a jack, make sure the car is parked on a hard, flat surface.
- Make sure to additionally secure the car with jack stands.

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



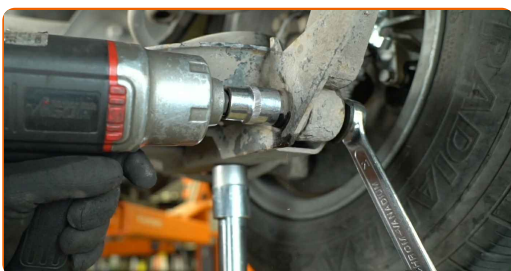
3

Jack up the rear axle beam. Use a transmission jack or one more vehicle jack.



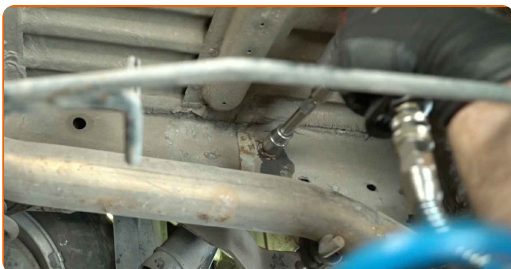
4

Unscrew the lower fastener of the shock absorber and remove the stop plate. Use a 21 mm combination spanner. Use a 21 mm socket. Use a ratchet wrench.



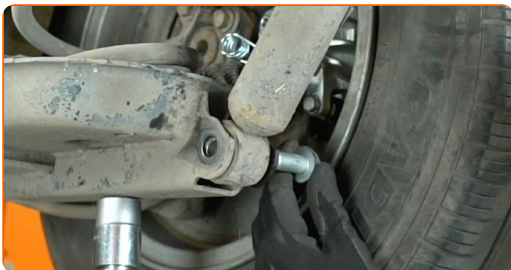
5

Unscrew the upper fastener of the shock absorber. Use a 21 mm combination spanner. Use a 21 mm socket. Use a ratchet wrench.



6

Remove the fastening bolts.



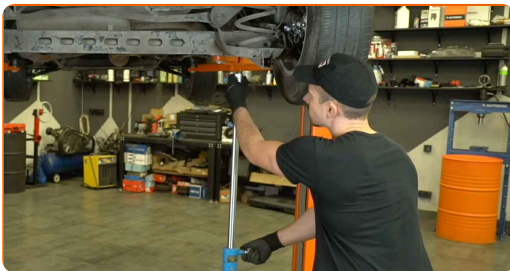
7

Remove the shock absorber.



8

Carefully lower the transmission or vehicle jack to release tension from the spring.



Replacement: coil springs – OPEL Vivaro A Platform / Chassis (X83).  
AUTODOC recommends:

- Handling the suspension springs requires extreme care as they store a large amount of energy. Improper handling can cause the spring to release accidentally, leading to serious injury, death, or significant property damage.
- Lower the transmission or vehicle jack smoothly without jerking it to avoid damaging the vehicle assemblies and mechanisms.

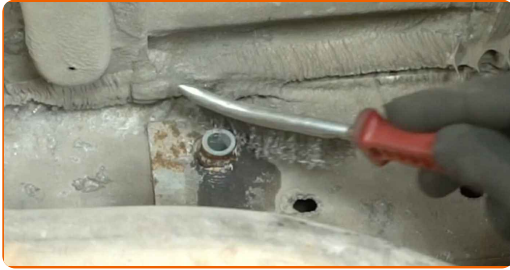
9

Remove the suspension spring.



10

Clean the shock absorber mounting seats. Use a wire brush. Use an all-purpose cleaning spray.



11

Clean the spring mounting seats. Use a wire brush. Use an all-purpose cleaning spray.



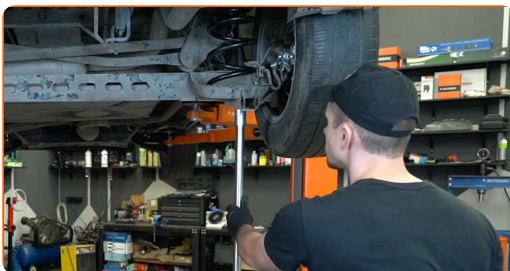
12

Install a new suspension spring.



13

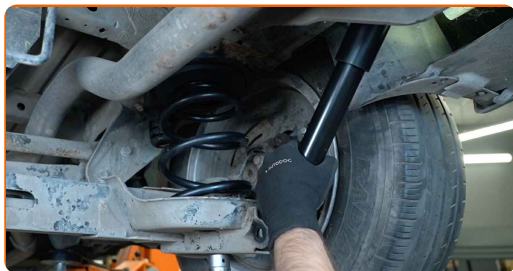
Jack up the rear axle beam. Use a transmission jack or one more vehicle jack.





14

Install the shock absorber.

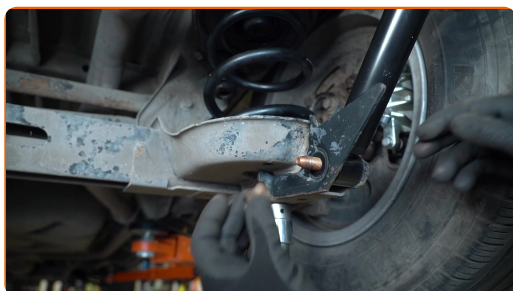


Replacement: coil springs – OPEL Vivaro A Platform / Chassis (X83). Tip:

- Before installing the new shock absorber, make sure to prime it if the part manufacturer recommends doing so. Holding the part upright, compress it and let it extend on its own 3–5 times.

15

Install the fastening bolts and the stop plate.



16

To tighten the fasteners correctly, you have to jack up the suspension to load it.

17

Tighten the lower fastener of the shock absorber. Use a 21 mm combination spanner. Use a 21 mm socket. Use a torque wrench. Tightening torque: 180 N·m.





- 18 Tighten the upper fastener of the shock absorber. Use a 21 mm combination spanner. Use a 21 mm socket. Use a torque wrench. Tightening torque: 180 N·m.



- 19 Remove the support from under the axle beam.

Replacement: coil springs – OPEL Vivaro A Platform / Chassis (X83). Tip from AUTODOC:

- Lower the transmission or vehicle jack smoothly without jerking it to avoid damaging the vehicle assemblies and mechanisms.

- 20 Lower the vehicle.

WELL DONE! 

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**COIL SPRINGS: A WIDE SELECTION**

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