



How to change rear  
shock absorbers on  
**VAUXHALL Tigra  
TwinTop (X04)** –  
replacement guide

## SIMILAR VIDEO TUTORIAL



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

### Important!

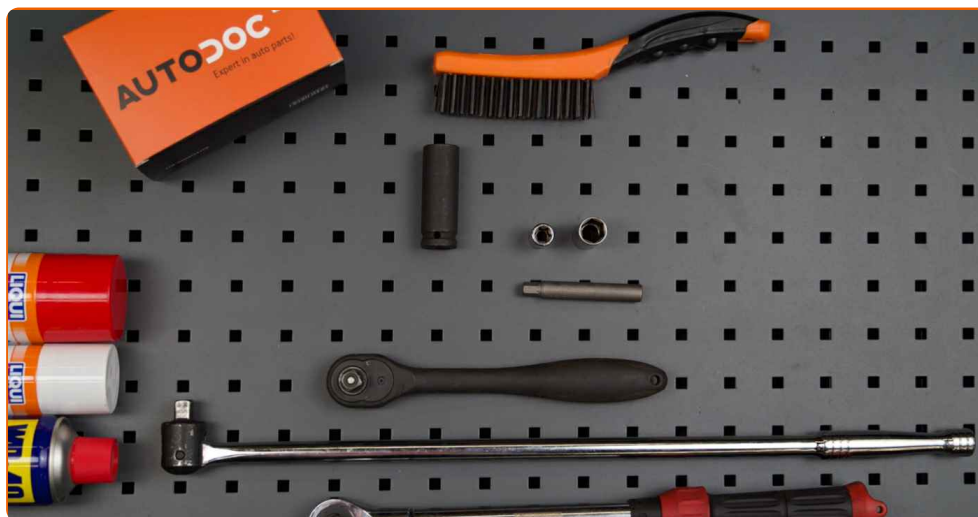
This replacement procedure can be used for:

VAUXHALL Tigra TwinTop (X04) 1.4, VAUXHALL Tigra TwinTop (X04) 1.8, VAUXHALL Tigra TwinTop (X04) 1.3 CDTI

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 Corsa C Hatchback (X01) 1.3 CDTI (F08, F68)

REPLACEMENT: SHOCK ABSORBERS – VAUXHALL TIGRA TWINTOP (X04). TOOLS YOU MIGHT NEED:



- Wire brush
- WD-40 spray
- Copper grease
- Drive socket # E14
- Drive socket # 16
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Shock absorber socket DD N°6
- Hydraulic transmission jack
- Wheel chock

**Buy tools**

Replacement: shock absorbers – VAUXHALL Tigra TwinTop (X04). 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 – VAUXHALL Tigra TwinTop (X04) – should be done with the engine switched off.

**CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:**

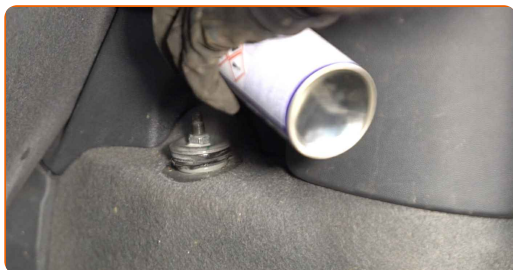
**1** Open the boot lid.

**2** Move the folding shelf and detach it from the retainers. By doing this, you will get access to the side trim plastic panels.

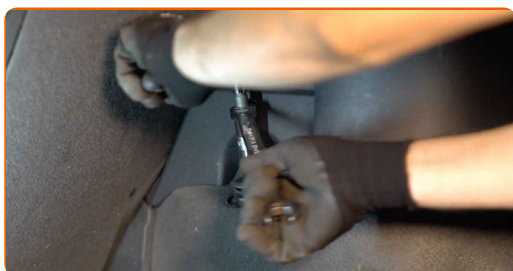
**3** Remove the protective cap of the shock absorber mount.



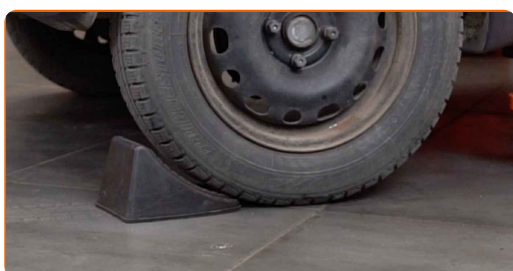
**4** Clean the fasteners of the shock absorber upper mount. Use WD-40 spray.



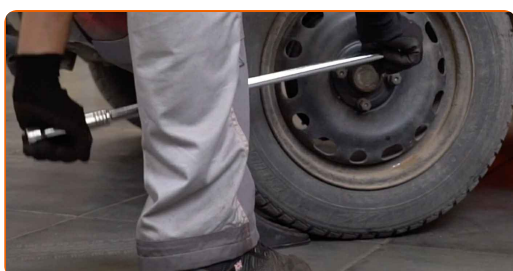
- 5 Loosen the upper fastener of the shock absorber. Use a drive socket #16. Use a shock absorber socket DDN<sup>6</sup>. Use a ratchet wrench.



- 6 Secure the wheels with chocks.

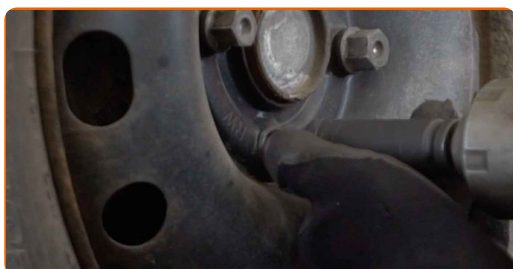


- 7 Loosen the wheel mounting bolts. Use wheel impact socket #17.



- 8 Raise the rear of the car and secure on supports.

- 9 Unscrew the wheel bolts.



Replacement: shock absorbers – VAUXHALL Tigra TwinTop (X04). AUTODOC recommends:

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

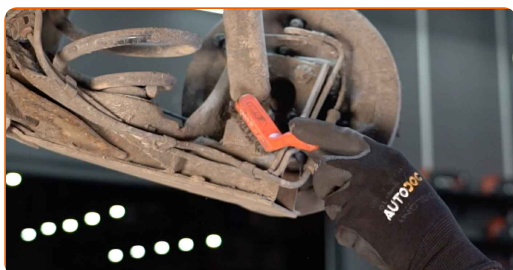
10

Remove the wheel.



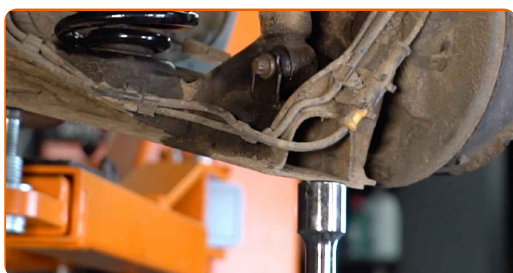
11

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



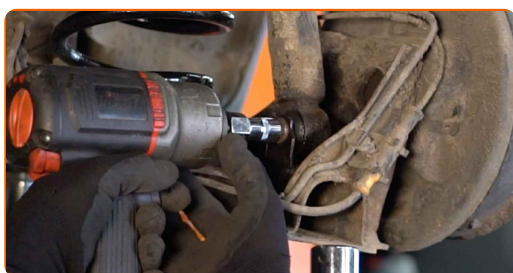
12

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



13

Unscrew the lower fastener of the shock absorber. Use a drive socket #E14.



**14**

Remove the fastening bolt.



**15**

Remove the mounting from under the rear axle beam.



**AUTODOC recommends:**

- VAUXHALL Tigra TwinTop (X04) – Do not lower the transmission jack sharply to avoid damaging components and mechanisms of the car.

**16**

Unscrew the upper fastener of the shock absorber.

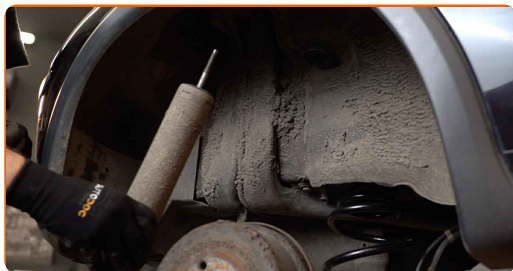


**Replacement: shock absorbers – VAUXHALL Tigra TwinTop (X04). Tip:**

- To avoid injuries, hold the shock absorber when undoing the fastening bolts.



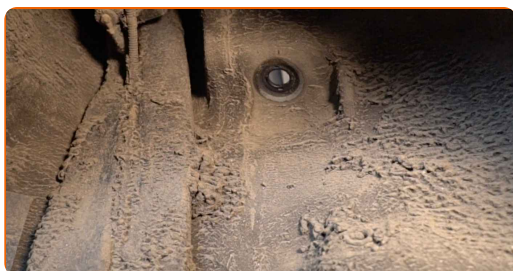
**17** Remove the shock absorber.



Replacement: shock absorbers – VAUXHALL Tigra TwinTop (X04). Tip from AUTODOC experts:

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

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



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

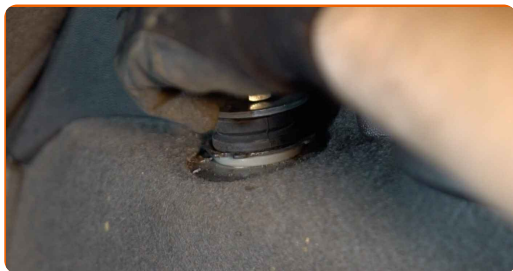


AUTODOC recommends:

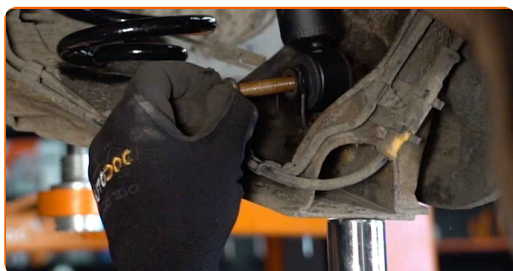
- Important! Hold the shock absorber while screwing in the fastening bolts. VAUXHALL Tigra TwinTop (X04)



**20** Screw the upper fastener of the shock absorber.



**21** Install the fastening bolt.



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



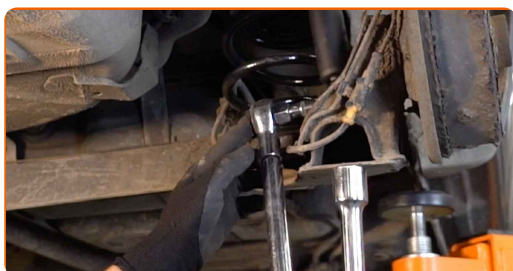
**23** Screw in the lower fastener of the shock absorber. Use a drive socket #E14.



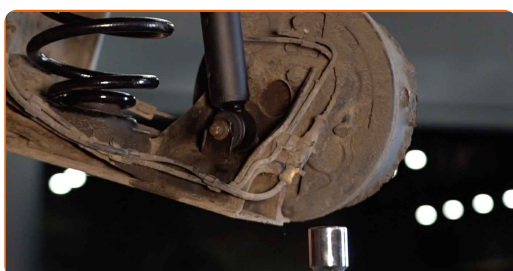
**24** Raise the hydraulic transmission jack by 10-15 cm.



- 25** Tighten the lower fastener of the shock absorber. Use a drive socket #E14. Use a torque wrench. Tighten it to 110 Nm torque.



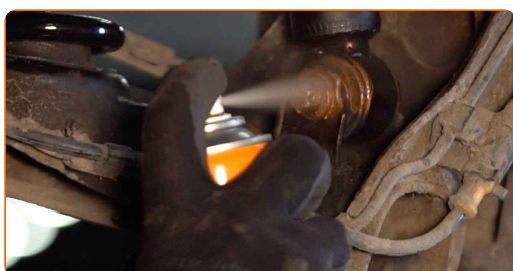
- 26** Remove the mounting from under the rear axle beam.



Replacement: shock absorbers – VAUXHALL Tigra TwinTop (X04). Tip from AUTODOC experts:

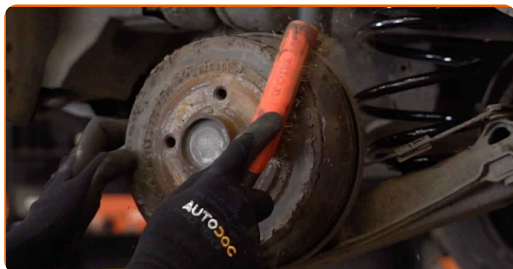
- Lower the hydraulic transmission jack smoothly, without jerks, to avoid damaging assemblies and mechanisms.

- 27** Treat the shock absorber fasteners. Use copper grease.



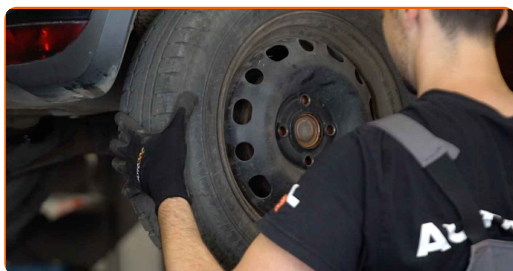
28

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



29

Install the wheel.

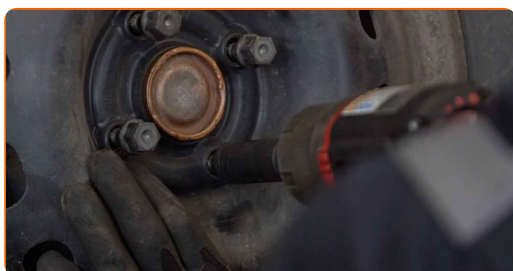


**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. VAUXHALL Tigra TwinTop (X04)

30

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



- 31** Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 110 nm torque.



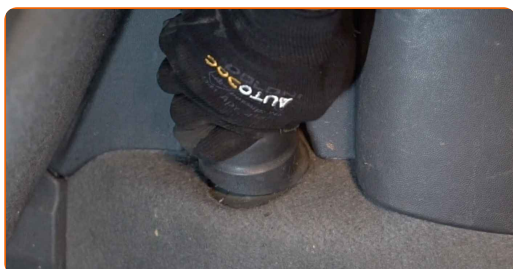
- 32** Tighten the top shock absorber fastening. Use a drive socket #16. Use a shock absorber socket DDN#6. Use a torque wrench. Tighten it to 65 Nm torque.



- 33** Treat the shock absorber fasteners. Use copper grease.



- 34** Install the protective cap of the shock absorber mount.

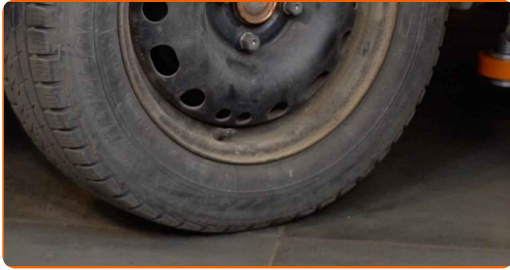


- 35** Install the folding shelf to its mounting seat.

- 36** Close the lid of the luggage compartment.

37

Remove the jacks and chocks.



**WELL DONE!** 

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