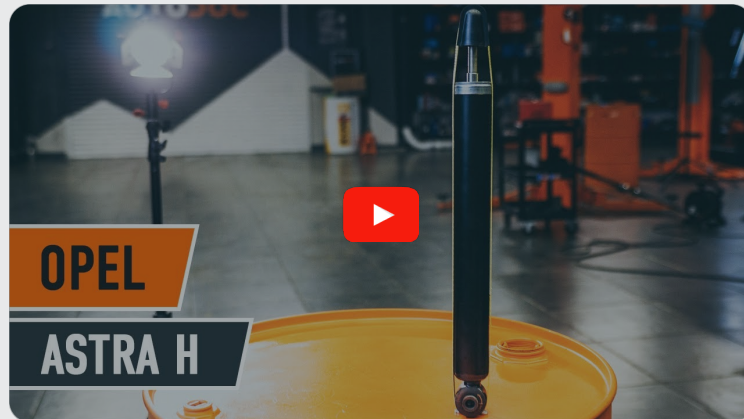




How to change rear  
shock absorbers on  
**VAUXHALL Astra Mk V**  
**(H) TwinTop (A04) –**  
replacement guide

## SIMILAR VIDEO TUTORIAL



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

### **i Important!**

This replacement procedure can be used for:

VAUXHALL Astra Mk V (H) TwinTop (A04) 1.6, VAUXHALL Astra Mk V (H) TwinTop (A04) 1.6 i 16V, VAUXHALL Astra Mk V (H) TwinTop (A04) 1.8

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 Astra H Caravan (A04) 1.3 CDTI (L35)

## REPLACEMENT: SHOCK ABSORBERS – VAUXHALL ASTRA MK V (H) TWINTOP (A04). TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Drive socket # 18
- Drive socket # E20
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Hydraulic transmission jack
- Wheel chock

**Buy tools**

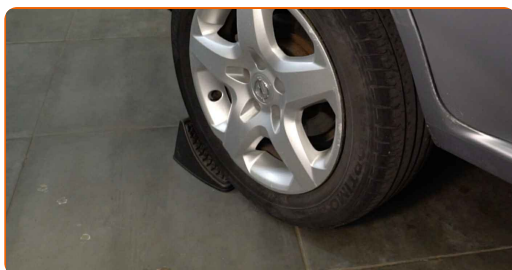
Replacement: shock absorbers – VAUXHALL Astra Mk V (H) TwinTop (A04).  
AUTODOC experts recommend:

- 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 Astra Mk V (H) TwinTop (A04) – 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.

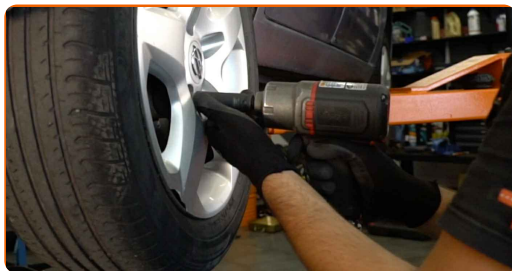


3

Raise the rear of the car and secure on supports.

4

Unscrew the wheel bolts.

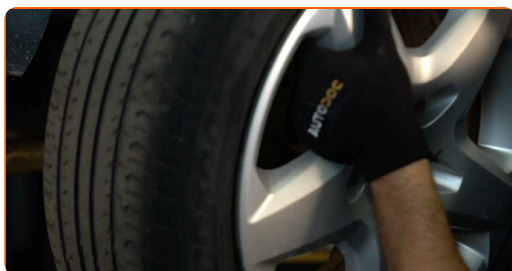


Replacement: shock absorbers – VAUXHALL Astra Mk V (H) TwinTop (A04).  
AUTODOC recommends:

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

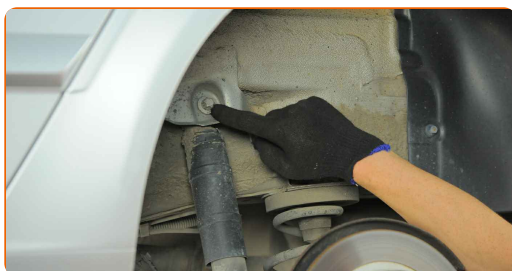
5

Remove the wheel.



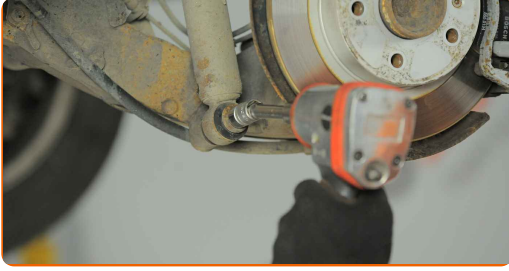
6

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



7

Loosen the lower fastener of the shock absorber. Use a drive socket #E20. Use a ratchet wrench.



8

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



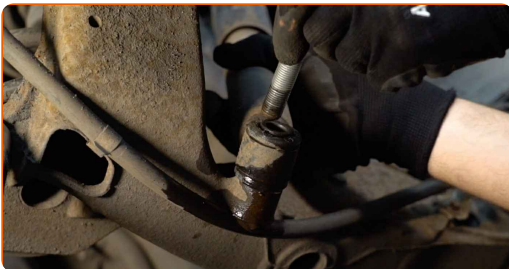
9

Unscrew the lower fastener of the shock absorber. Use a drive socket #E20. Use a ratchet wrench.



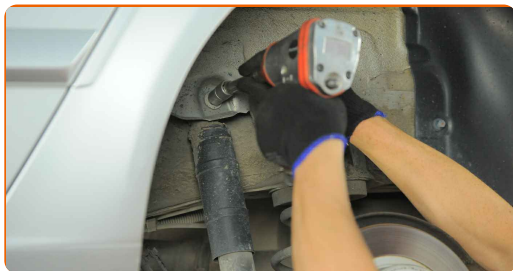
10

Remove the fastening bolt.



11

Unscrew the upper fastener of the shock absorber. Use a drive socket #18. Use a ratchet wrench.

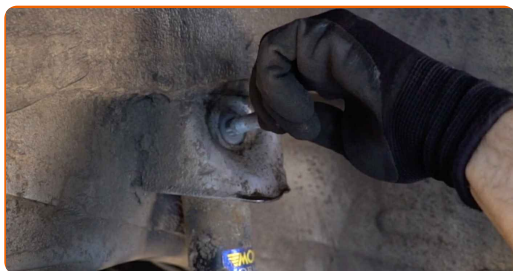


### AUTODOC recommends:

- Important! Hold the shock absorber while unscrewing the fastening bolts.  
VAUXHALL Astra Mk V (H) TwinTop (A04)

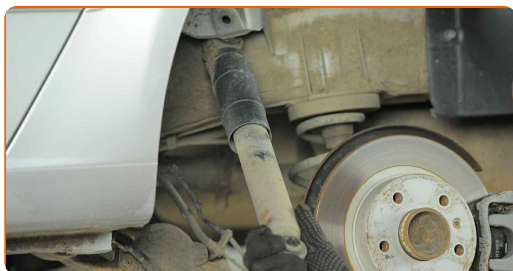
12

Remove the fastening bolt.



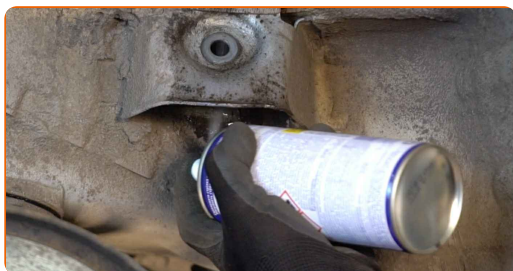
13

Remove the shock absorber.



14

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





## Replacement: shock absorbers – VAUXHALL Astra Mk V (H) TwinTop (A04). Tip:

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

15

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

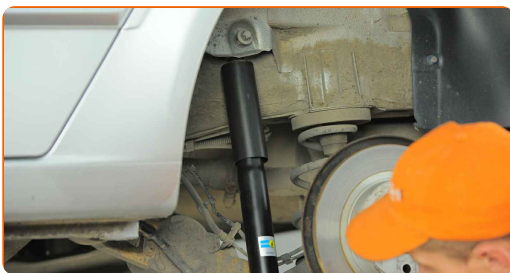


### AUTODOC recommends:

- VAUXHALL Astra Mk V (H) TwinTop (A04) – To avoid injury, hold the shock absorber while screwing in the fastening bolts.

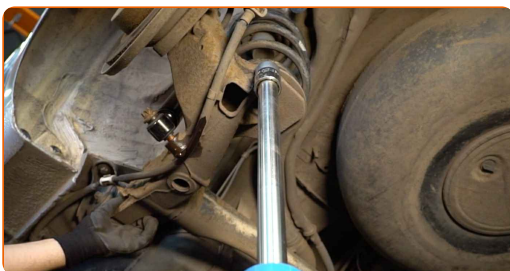
16

Install the fastening bolts (2 pieces).



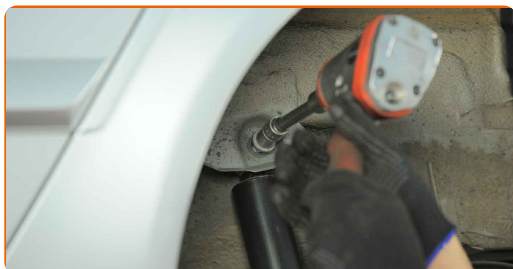
17

Raise the hydraulic transmission jack by 10-15 cm.

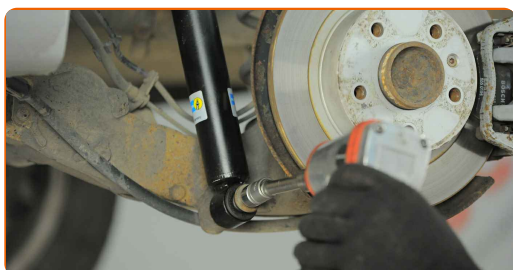




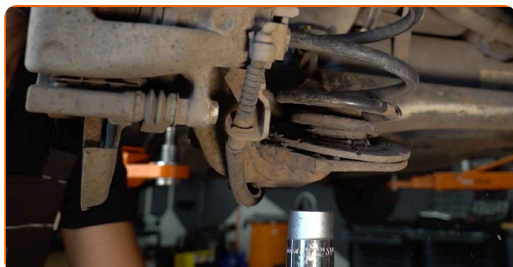
- 18 Tighten the top shock absorber fastening. Use a drive socket #18. Use a torque wrench. Tighten it to 90 Nm torque.



- 19 Tighten the lower fastener of the shock absorber. Use a drive socket #E20. Use a torque wrench. Tighten it to 130 Nm torque.



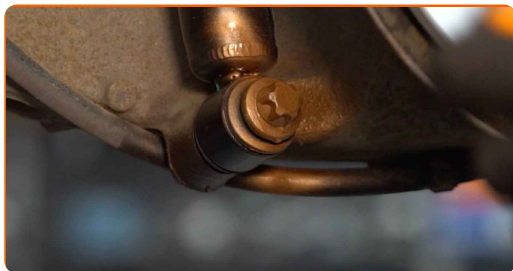
- 20 Remove the mounting from under the rear axle beam.



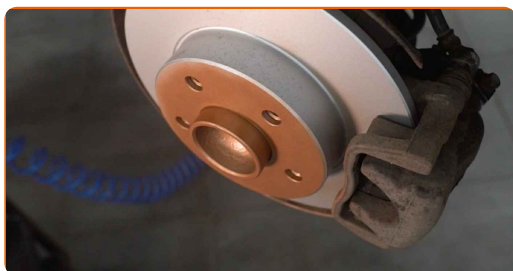
### AUTODOC recommends:

- VAUXHALL Astra Mk V (H) TwinTop (A04) – Do not lower the transmission jack sharply to avoid damaging components and mechanisms of the car.

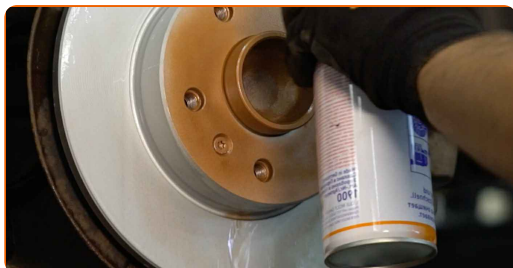
- 21 Treat the shock absorber fasteners. Use copper grease.



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



- 23 Clean the brake disk surface. Use a brake cleaner.



Replacement: shock absorbers – VAUXHALL Astra Mk V (H) TwinTop (A04).  
AUTODOC experts recommend:

- After applying the spray, wait a few minutes.

- 24 Install the wheel.



### AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts. VAUXHALL Astra Mk V (H) TwinTop (A04)

25

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



26

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 110 nm torque.



27

Remove the jacks and chocks.



## WELL DONE!

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**SHOCK ABSORBERS: A WIDE SELECTION**

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