



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

### SIMILAR VIDEO TUTORIAL



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

#### **i Important!**

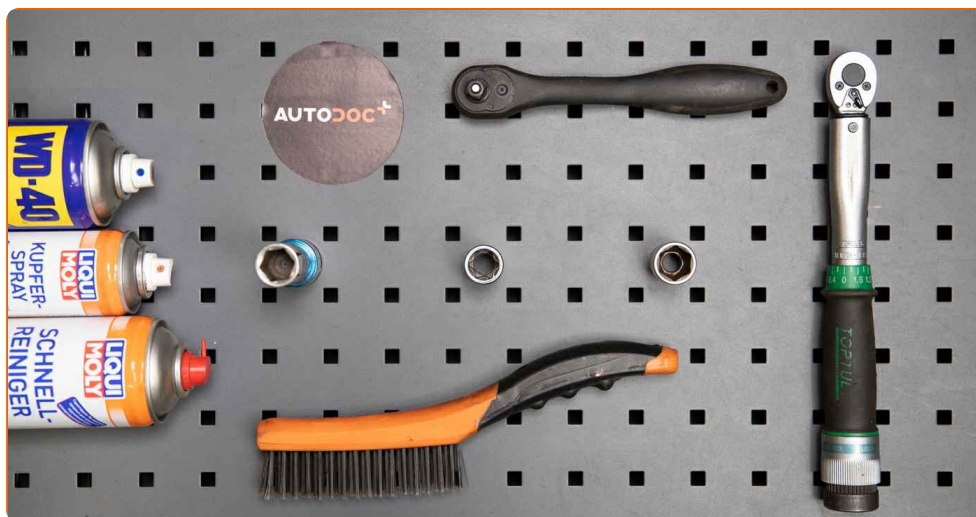
This replacement procedure can be used for:

VAUXHALL Astra Mk V (H) Sport Hatch (A04) 1.6, VAUXHALL Astra Mk V (H) Sport Hatch (A04) 1.8, VAUXHALL Astra Mk V (H) Sport Hatch (A04) 2.0 Turbo, VAUXHALL Astra Mk V (H) Sport Hatch (A04) 1.7 CDTi, VAUXHALL Astra Mk V (H) Sport Hatch (A04) 1.9 CDTi, VAUXHALL Astra Mk V (H) Sport Hatch (A04) 1.8 i 16V, VAUXHALL Astra Mk V (H) Sport Hatch (A04) 2.0 VXR, VAUXHALL Astra Mk V (H) Sport Hatch (A04) 1.3 CDTi, VAUXHALL Astra Mk V (H) Sport Hatch (A04) 1.4 i 16V, VAUXHALL Astra Mk V (H) Sport Hatch (A04) 1.6 i 16V

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) SPORT HATCH (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) Sport Hatch (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) Sport Hatch (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.

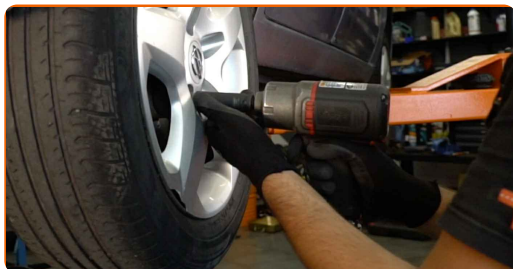


3

Raise the rear of the car and secure on supports.

4

Unscrew the wheel bolts.

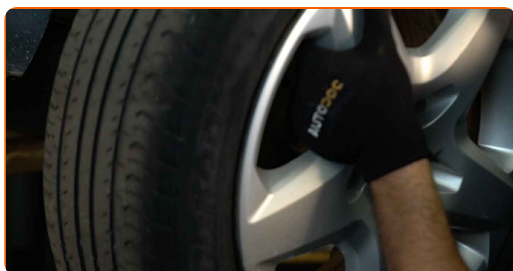


Replacement: shock absorbers – VAUXHALL Astra Mk V (H) Sport Hatch (A04). AUTODOC recommends:

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

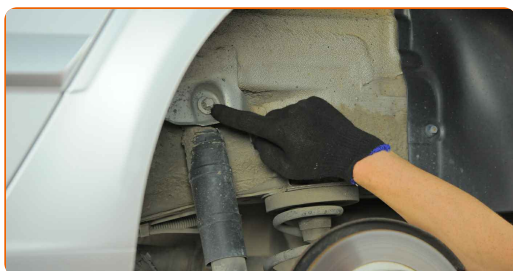
5

Remove the wheel.



6

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

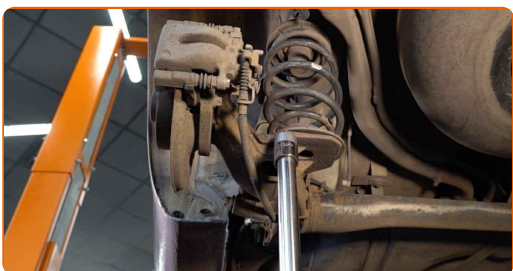


**7**

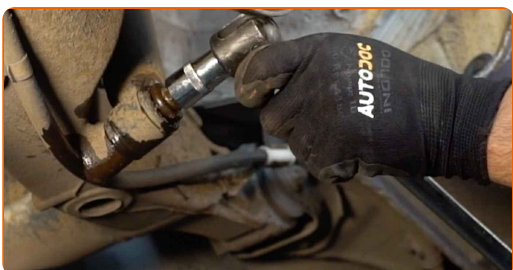
Loosen the lower fastener of the shock absorber. Use a drive socket #E20. Use a ratchet wrench.

**8**

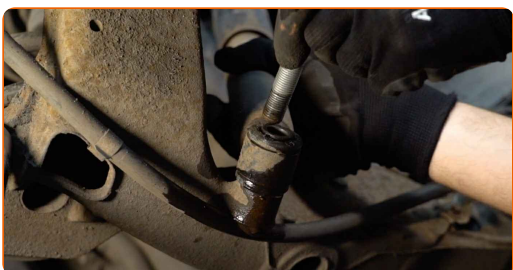
Support the rear suspension beam. Use a hydraulic transmission jack.

**9**

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

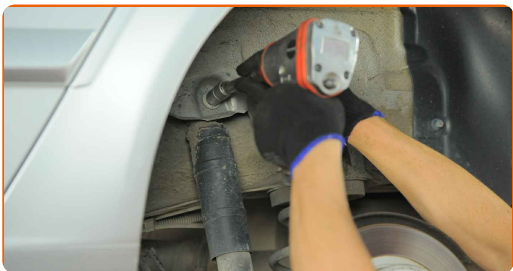
**10**

Remove the fastening bolt.



**11**

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

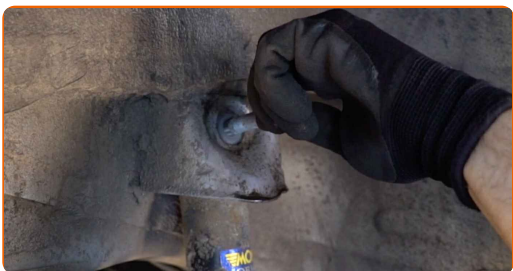


**AUTODOC recommends:**

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

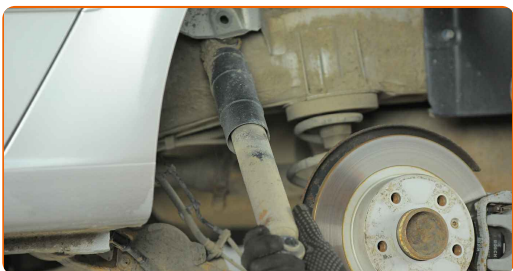
**12**

Remove the fastening bolt.



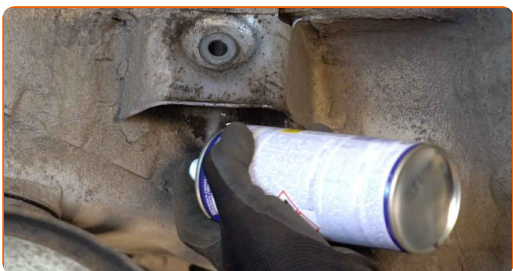
**13**

Remove the shock absorber.



**14**

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

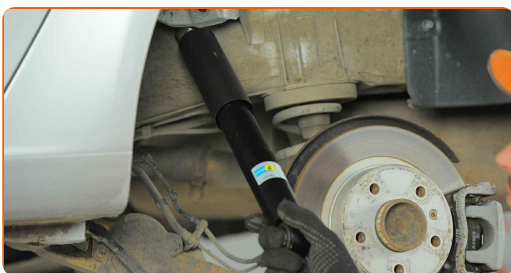


Replacement: shock absorbers – VAUXHALL Astra Mk V (H) Sport Hatch (A04). Tip:

- 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.

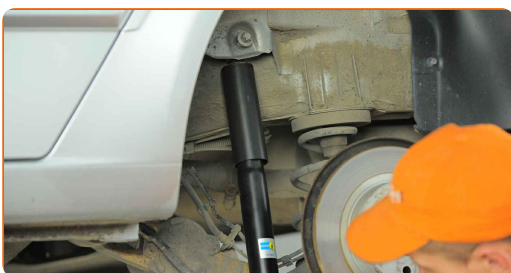


AUTODOC recommends:

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

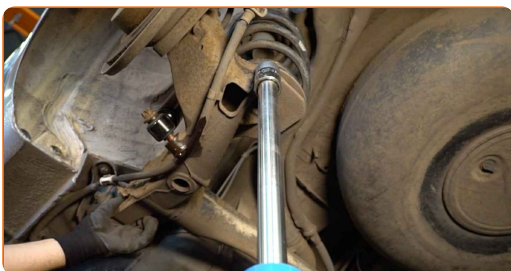
16

Install the fastening bolts (2 pieces).



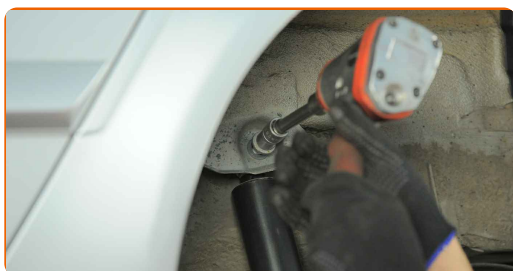
17

Raise the hydraulic transmission jack by 10-15 cm.

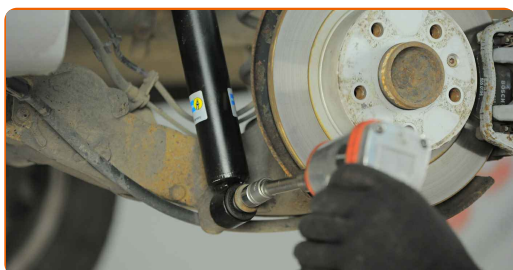




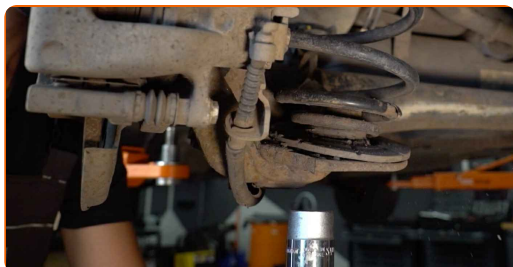
- 18** Tighten the top shock absorber fastening. Use a drive socket #18. Use a torque wrench. Tighten it to 90 Nm torque.



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



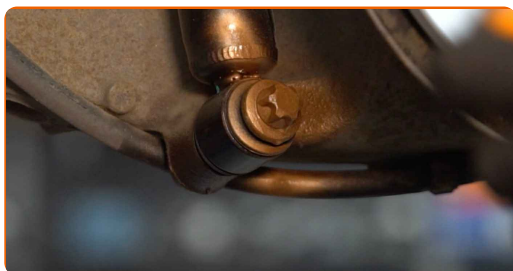
- 20** Remove the mounting from under the rear axle beam.



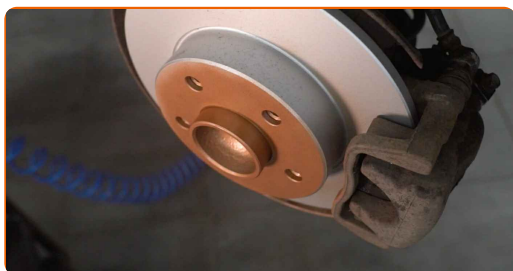
**AUTODOC recommends:**

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

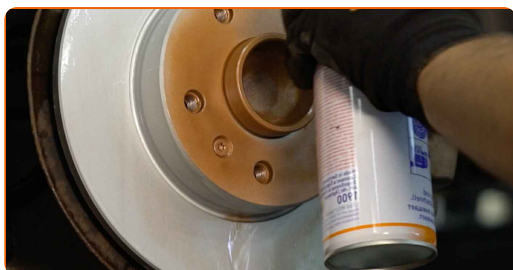
**21** Treat the shock absorber fasteners. Use copper grease.



**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) Sport Hatch (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) Sport Hatch (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!** 

[VIEW MORE TUTORIALS](#)

# AUTODOC – TOP QUALITY AND AFFORDABLE CAR PARTS ONLINE

**AUTODOC MOBILE APP: GREAT DEALS AND CONVENIENT SHOPPING**



**+ AUTODOC**

GET IT ON  
**Google Play**

 Download on the  
**App Store**

**Download**

**A GREAT SELECTION OF SPARE PARTS FOR YOUR CAR**

**SHOCK ABSORBERS: A WIDE SELECTION**

## **DISCLAIMER:**

The document contains only general recommendations that may be useful for you when you perform repair or replacement work. AUTODOC shall not be liable for any loss, injury, damage of property occurring in the repair or replacement process due to incorrect use or misinterpretation of the provided information.

AUTODOC shall not be liable for any possible mistakes and uncertainties in this guide. The information provided is for information purposes only and cannot replace advice from specialists.

AUTODOC shall not be liable for incorrect or hazardous usage of equipment, tools and car parts. AUTODOC strongly recommends to be careful and observe the safety rules when performing repair or replacement works. Remember: usage of low quality auto parts does not guarantee you the appropriate level of road safety.

© Copyright 2023 – All the contents of this website, in particular texts, photographs and graphics, are protected by copyright. All rights, including reproduction, publication, editing and translation rights, are reserved by AUTODOC SE.