



How to change front
strut mount 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) 2.0, VAUXHALL Astra Mk V (H) TwinTop (A04) 1.6 i 16V, VAUXHALL Astra Mk V (H) TwinTop (A04) 1.8, VAUXHALL Astra Mk V (H) TwinTop (A04) 2.0 Turbo, VAUXHALL Astra Mk V (H) TwinTop (A04) 1.9 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 Astra H Caravan (A04) 1.3 CDTI (L35)

REPLACEMENT: STRUT MOUNT – VAUXHALL ASTRA MK V (H) TWINTOP (A04). LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- HEX bit no.H5.
- Drive socket # 18
- Drive socket # 21
- Combination spanner #18
- Combination spanner #19
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Pliers
- Flat Screwdriver
- Rubber mallet
- Water pump pliers
- Hydraulic strut spring compressor
- Fender cover
- Wheel chock

Buy tools

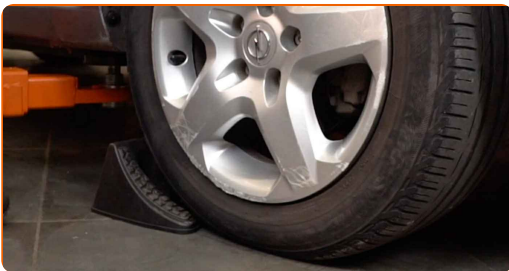
Replacement: strut mount – VAUXHALL Astra Mk V (H) TwinTop (A04). Tip from AUTODOC experts:

- The replacement procedure is identical for the mounts of the left and right shock struts of the front suspension.
- All mounts of the front shock struts should be replaced simultaneously.
- All work should be done with the engine stopped.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

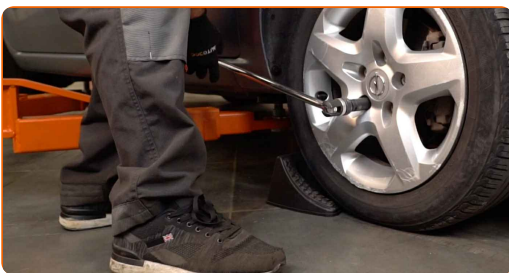
1

Secure the wheels with chocks.



2

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



3

Raise the front of the car and secure on supports.

4 Unscrew the wheel bolts.



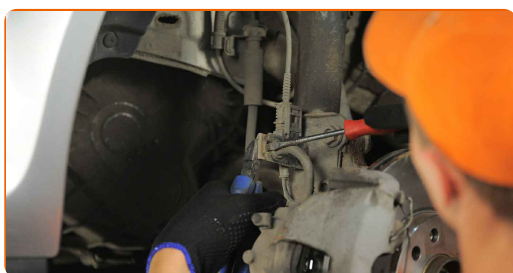
AUTODOC recommends:

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

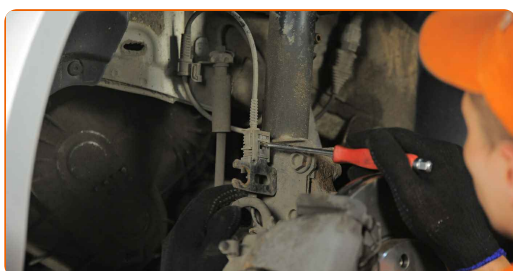
5 Remove the wheel.



6 Take out the retainer clip and move the brake hose out of the bracket on the shock strut. Use pliers. Use a flat screwdriver.



7 Detach the ABS sensor connector. Use a flat screwdriver.



8

Clean the stabiliser link fasteners. Use a wire brush. Use WD-40 spray.



9

Unscrew the fastener connecting the stabilizer link to the shock strut. Use a combination spanner #19. Use HEX No.H5. Use a ratchet wrench.



10

Remove the stabilizer rod.



11

Clean the fasteners connecting the shock strut to the steering knuckle. Use a wire brush. Use WD-40 spray.



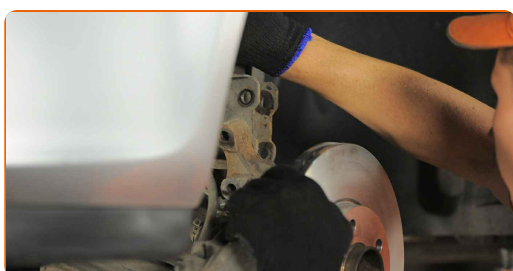
- 12** Unscrew the fasteners connecting the suspension strut to the steering knuckle. Use a combination spanner #18. Use a drive socket #18. Use a ratchet wrench.



- 13** Remove the fastening bolts (2 pieces).



- 14** Disconnect the steering knuckle from the shock absorber strut.



- 15** Lower the car.

- 16** Open the bonnet.

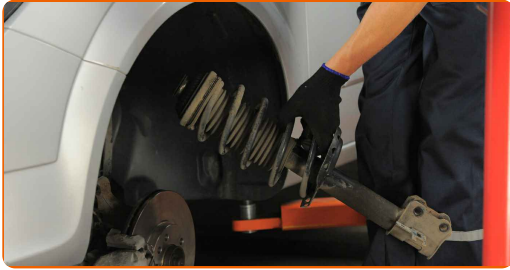
- 17** Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.

- 18** Unscrew the top fastening of the shock strut mount. Use a flat screwdriver.



19

Remove the suspension strut.



20

Set the shock absorber strut on the spring compressor tool.

Replacement: strut mount – VAUXHALL Astra Mk V (H) TwinTop (A04). Tip:

- Note that when using a spring compressor, spring coils need to be securely gripped, compressing the spring on the opposite sides.
- Ensure the correct position of the spring in the retainer.
- Make sure that the spring coils tightly entered the lock handles.

21

Compress the spring.



22

Remove the suspension strut mount cap. Use a flat screwdriver.



23

Treat the shock strut rod. Use a wire brush. Use WD-40 spray.



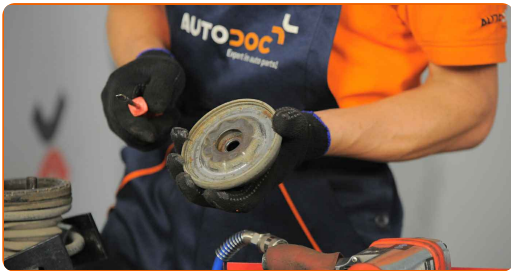
24

Remove the strut piston rod nut. Use a drive socket #21. Use a ratchet wrench.



25

Remove the top strut mount. Use a flat screwdriver.



Replacement: strut mount – VAUXHALL Astra Mk V (H) TwinTop (A04). Tip from AUTODOC experts:

- Examine the shock absorber dust cap and the bump stop. Replace them if necessary.

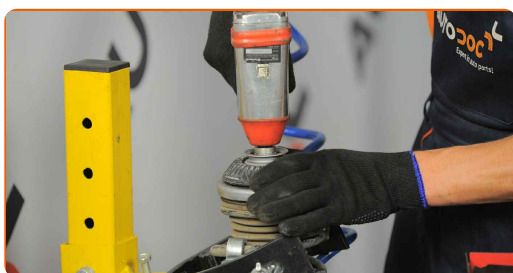
26

Clean the mounting seat of the shock strut mount. Use a wire brush. Use WD-40 spray.

27 Install a new top shock strut mount.



28 Tighten the shock strut piston rod nut. Use a drive socket #21. Use a torque wrench. Tighten it to 65 Nm torque.



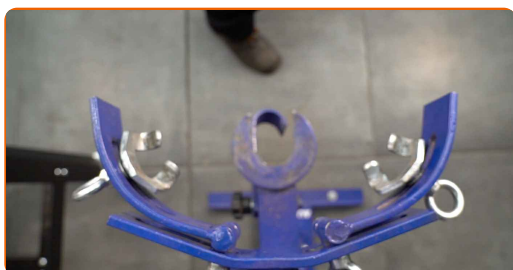
Replacement: strut mount – VAUXHALL Astra Mk V (H) TwinTop (A04).
AUTODOC experts recommend:

- Check to make sure the spring is positioned correctly. Avoid its misalignment.

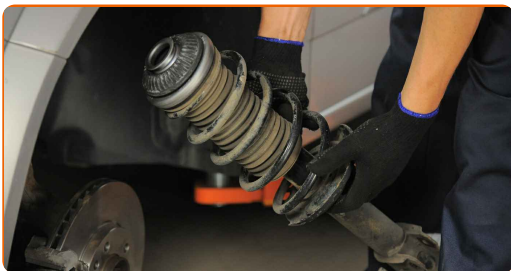
29 Treat the shock strut rod. Use copper grease.

30 Decompress the spring.

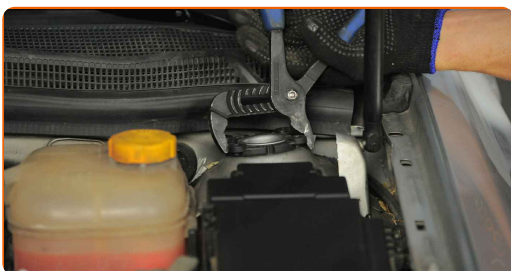
31 Remove the assembled shock strut.



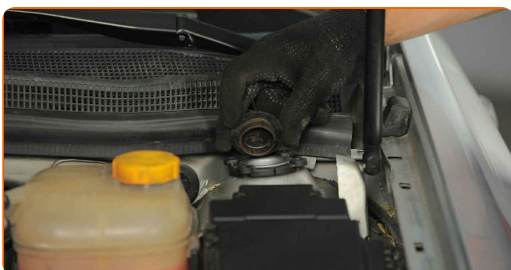
32 Install the shock strut into the wheel arch.



33 Screw the top fastening of the shock strut mount. Use water pump pliers.



34 Install the suspension strut mount cap.



35 Remove the fender protection cover.

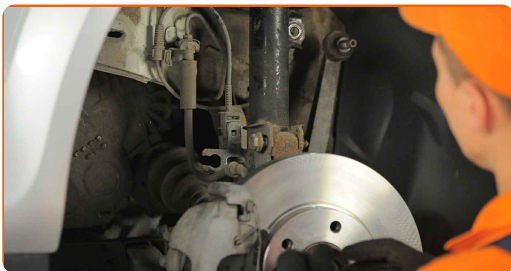
36 Close the hood.

37 Raise the front of the car and secure on supports.

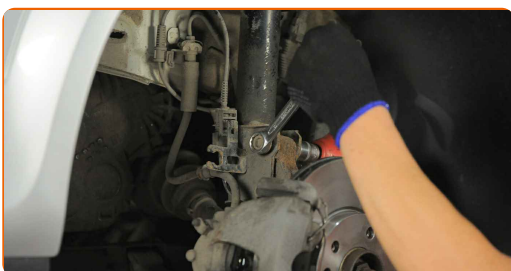
38 Treat the shock strut mounting seat on the steering knuckle. Use a wire brush. Use WD-40 spray.

39 Fix the shock absorber strut on the steering knuckle.

40 Install the fastening bolts (2 pieces).



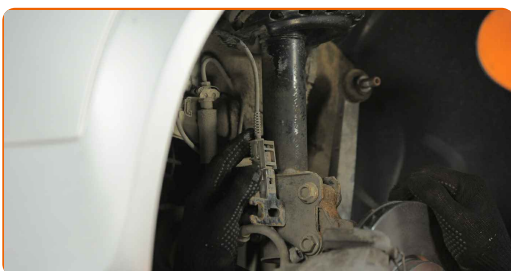
41 Tighten the lower fasteners connecting the shock strut to the steering knuckle. Use a combination spanner #18. Use a drive socket #18. Use a torque wrench. Tighten it to 85 Nm torque.+90°



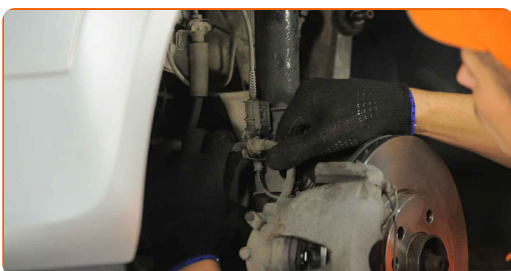
AUTODOC recommends:

- Important! Be sure to use new fasteners.

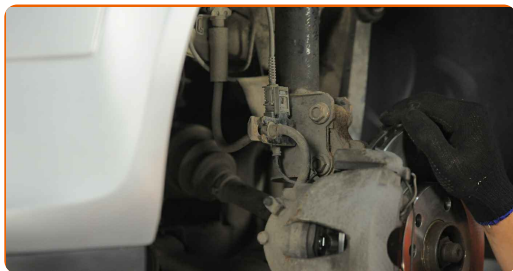
42 Attach the ABS sensor connector.



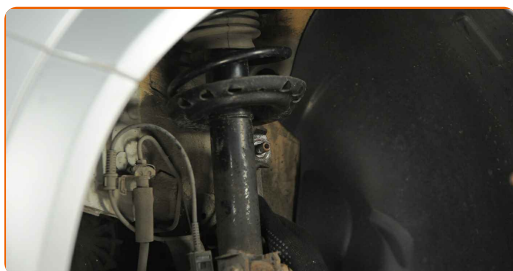
43 Fasten the brake hose on the strut.



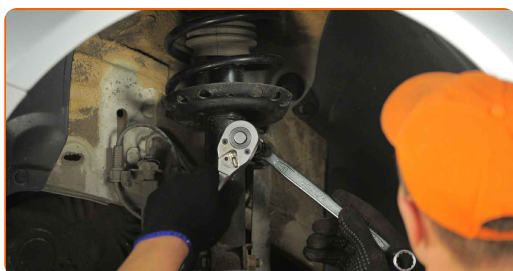
44 Attach the brake hose retainer clip. Use a rubber mallet.



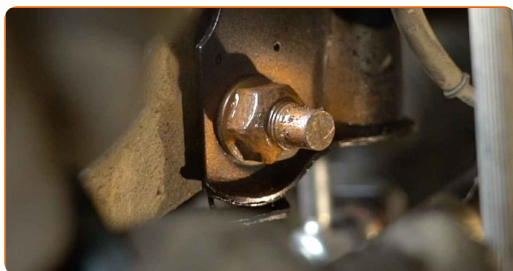
45 Install the transverse stabilizer link.



46 Tighten the fastener connecting the stabilizer link to the shock strut. Use a combination spanner #19. Use HEX No.H5. Use a torque wrench. Tighten it to 60 Nm torque.

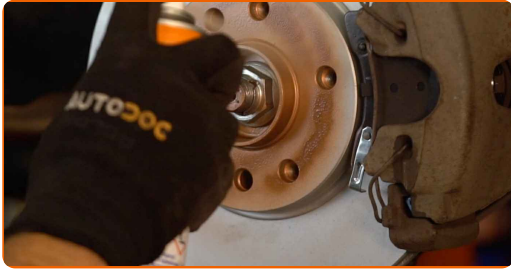


47 Treat the shock strut fasteners. Treat all joints of the stabiliser link. Use copper grease.



48

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



49

Clean the brake disk surface. Use a brake cleaner.

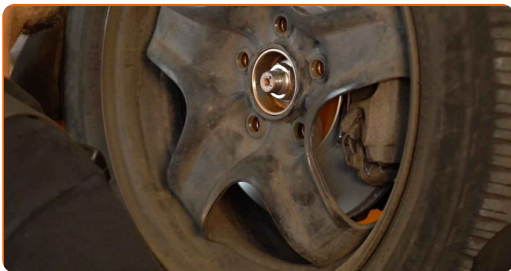


AUTODOC recommends:

- Replacement: strut mount – VAUXHALL Astra Mk V (H) TwinTop (A04). After applying the spray, wait a few minutes.

50

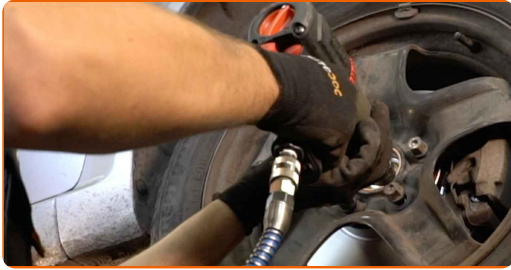
Install the wheel.



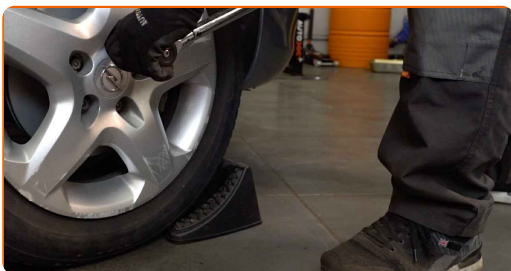
**Replacement: strut mount – VAUXHALL Astra Mk V (H) TwinTop (A04).
AUTODOC recommends:**

- To avoid injury, hold up the wheel when screwing in the fastening bolts.

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



52 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.



53 Remove the jacks and chocks.



WELL DONE! 

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STRUT MOUNT: A WIDE SELECTION

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