



How to change front  
strut mount on **Opel**  
**Astra H Caravan** –  
replacement guide

**VIDEO TUTORIAL**



** Important!**

This replacement procedure can be used for:

OPEL Astra H Caravan (A04) 1.6 LPG (L35), OPEL Astra H Caravan (A04) 1.4 LPG (L35), OPEL Astra H Caravan (A04) 1.4 (L35), OPEL ASTRA H Box (L70) 1.7 CDTI (L70), OPEL ASTRA H Box (L70) 1.9 CDTI (L70), OPEL ASTRA H Box (L70) 1.9 CDTI 16V (L70), OPEL ASTRA H Box (L70) 1.3 CDTI (L70), OPEL Astra H GTC (A04) 1.4 (L08), OPEL Astra H Hatchback (A04) 1.4 LPG (L48), OPEL Astra H Hatchback (A04) 1.4 (L48), OPEL Astra H Hatchback (A04) 1.6 (L48), OPEL Astra H Hatchback (A04) 1.8 (L48), OPEL Astra H Hatchback (A04) 1.7 CDTI (L48), OPEL Astra H Hatchback (A04) 2.0 Turbo (L48), OPEL Astra H Hatchback (A04) 1.9 CDTI (L48), (+ 59)

The steps may slightly vary depending on the car design.

**REPLACEMENT: STRUT MOUNT – OPEL ASTRA H CARAVAN. 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**

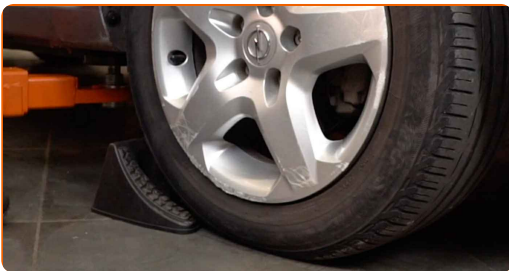
Replacement: strut mount – Opel Astra H Caravan. Tip from AUTODOC experts:

- 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:**

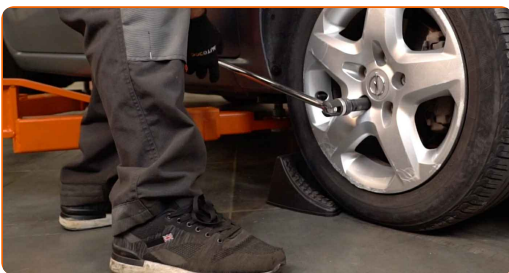
1

Secure the wheels with chocks.



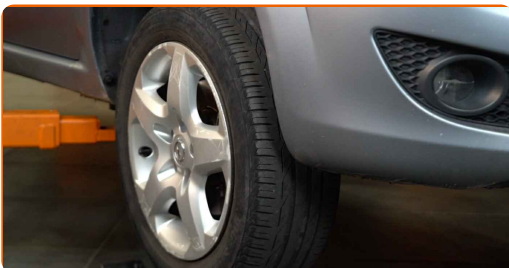
2

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. Opel Astra H Caravan

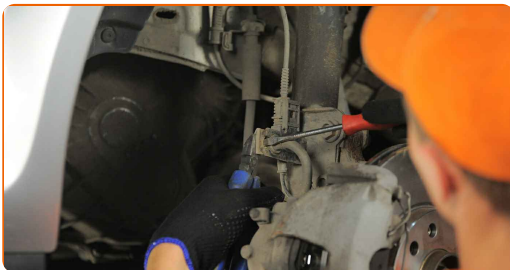
5

Remove the wheel.



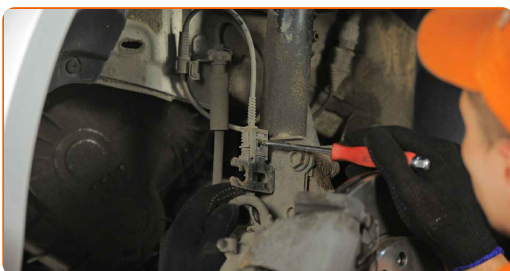
6

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



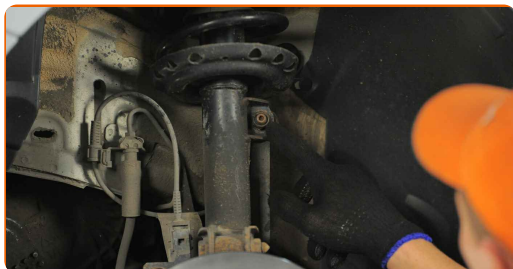
7

Detach the ABS sensor connector. Use a flat screwdriver.



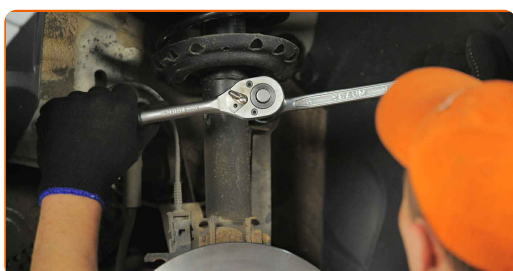
8

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



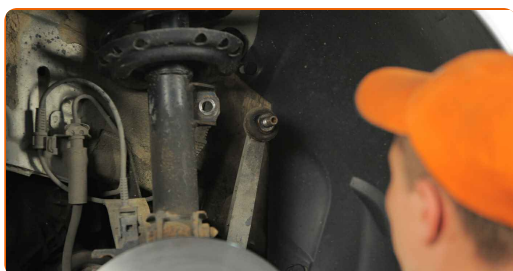
9

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

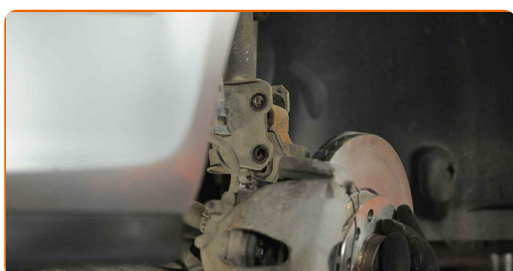
Clean the fasteners connecting the shock strut to the steering knuckle. Use a wire brush. Use WD-40 spray.



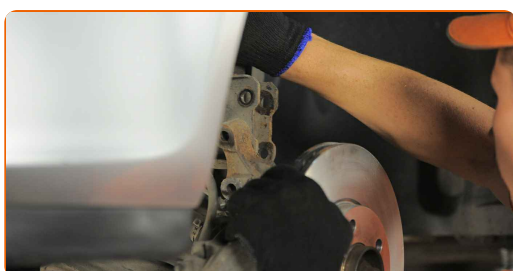
- 12** Unscrew the fasteners connecting the suspension strut to the steering knuckle. Use a combination spanner #18. Use a drive socket #18. Use a ratchet wrench.



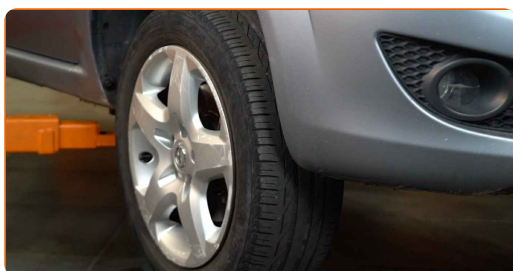
- 13** Remove the fastening bolts (2 pieces).



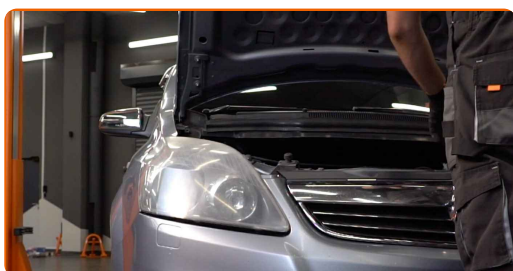
- 14** Disconnect the steering knuckle from the shock absorber strut.



- 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**

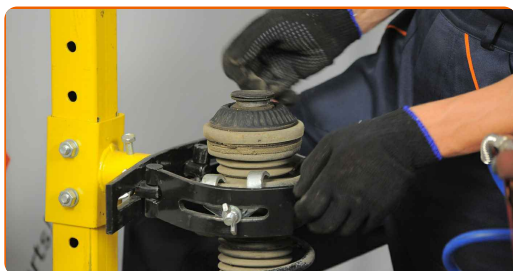
Set the shock absorber strut on the spring compressor tool.

**Replacement: strut mount – Opel Astra H Caravan. Tip:**

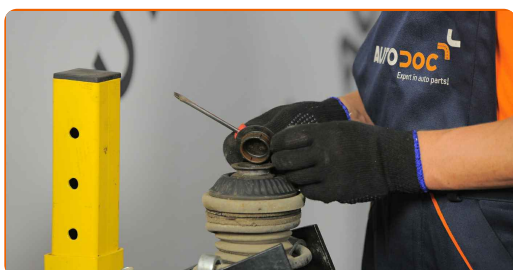
- Note that when using a spring compressor, spring coils need to be securely gripped, compressing the spring on the opposite sides.
- Ensure the correct position of the spring in the retainer.
- Make sure that the spring coils tightly entered the lock handles.



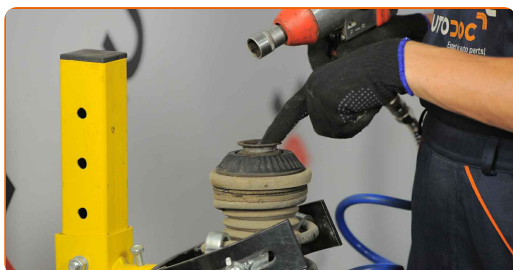
**21** Compress the spring.



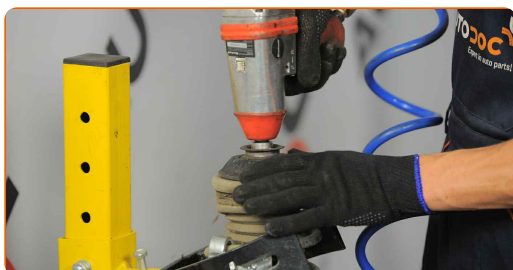
**22** Remove the suspension strut mount cap. Use a flat screwdriver.



**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 – Opel Astra H Caravan. Tip from AUTODOC experts:

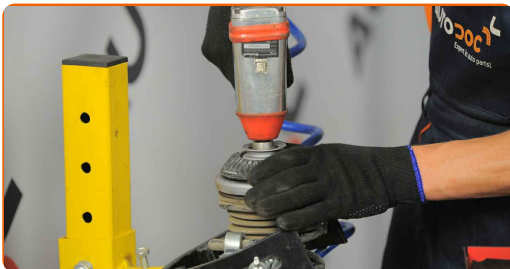
- Examine the shock absorber dust cap and the bump stop. Replace them if necessary.

**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.



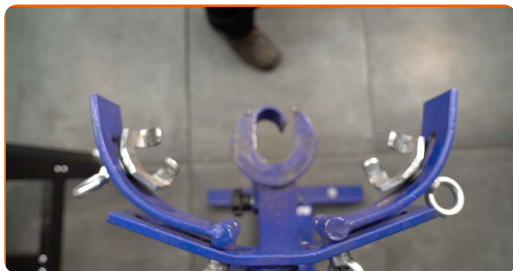
Replacement: strut mount – Opel Astra H Caravan. AUTODOC experts recommend:

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

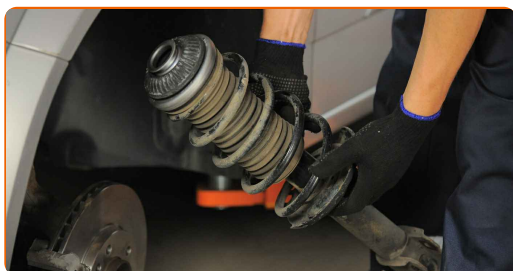
**29** Treat the shock strut rod. Use copper grease.

**30** Decompress the spring.

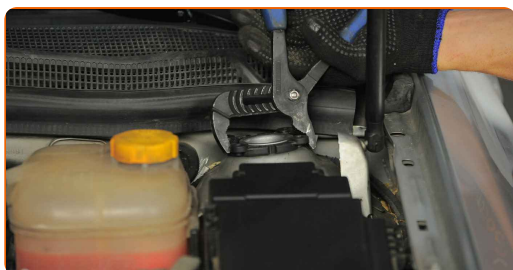
**31** Remove the assembled shock strut.



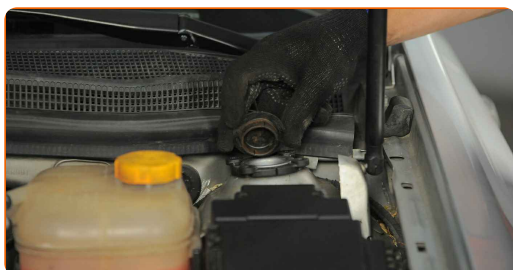
**32** Install the shock strut into the wheel arch.



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



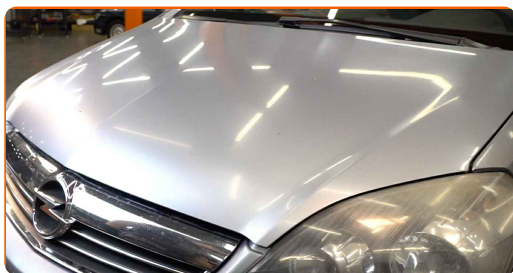
**34** Install the suspension strut mount cap.



**35** Remove the fender protection cover.



**36** Close the hood.



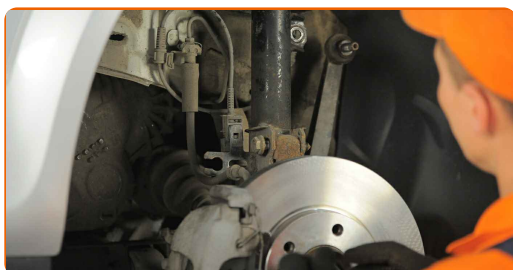
**37** Raise the front of the car and secure on supports.



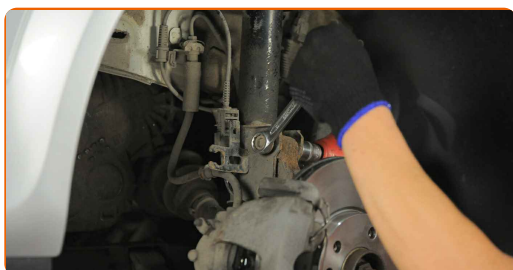
**38** Treat the shock strut mounting seat on the steering knuckle. Use a wire brush. Use WD-40 spray.

**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.

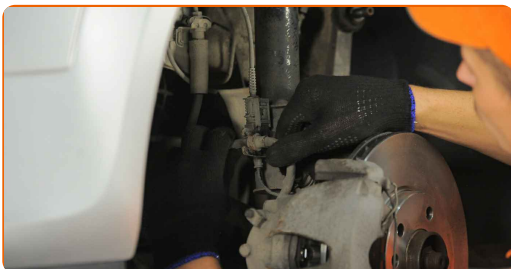
42

Attach the ABS sensor connector.



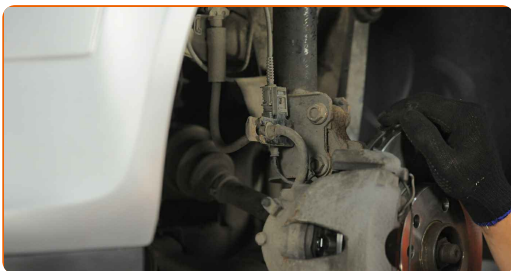
43

Fasten the brake hose on the strut.



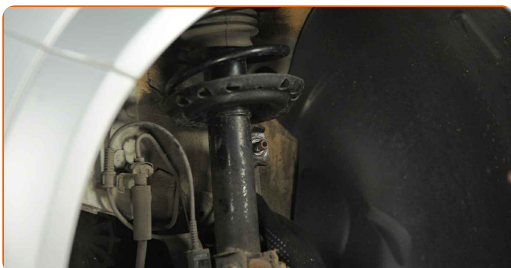
44

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

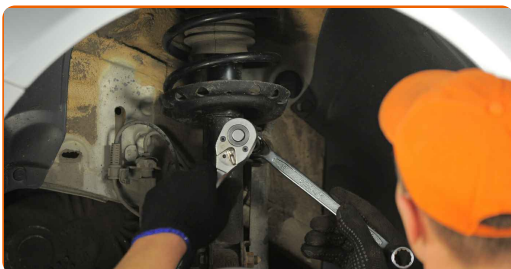


45

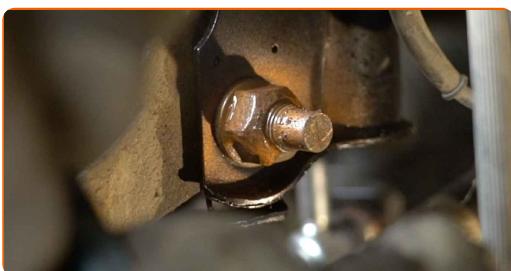
Install the transverse stabilizer link.



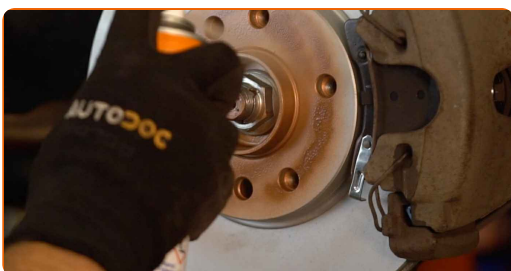
- 46 Tighten the fastener connecting the stabilizer link to the shock strut. Use a combination spanner #19. Use HEX No.H5. Use a torque wrench. Tighten it to 60 Nm torque.



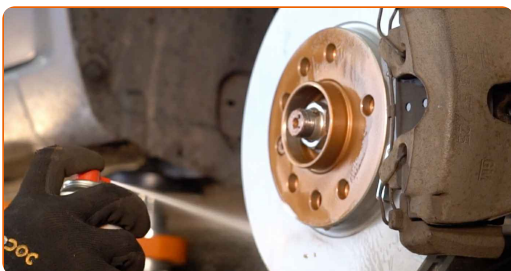
- 47 Treat the shock strut fasteners. Treat all joints of the stabiliser link. Use copper grease.



- 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 – Opel Astra H Caravan. After applying the spray, wait a few minutes.

**50**

Install the wheel.

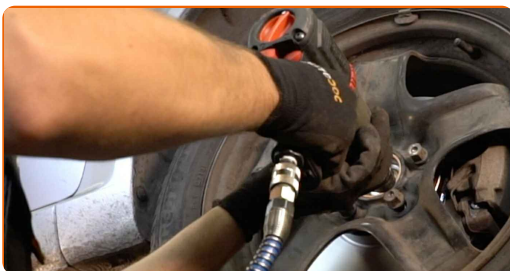


**Replacement: strut mount – Opel Astra H Caravan. AUTODOC recommends:**

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

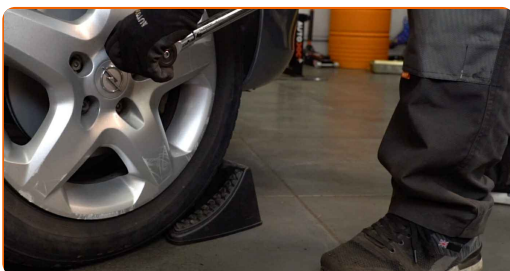
**51**

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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