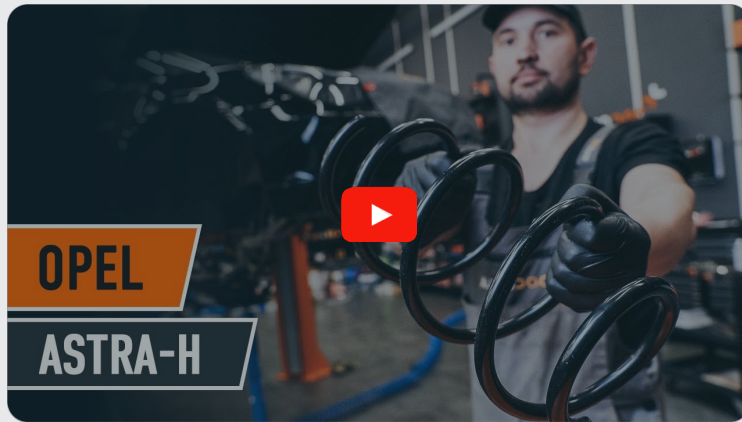




How to change rear coil
springs on **VAUXHALL**
Astra Mk V (H) (A04)
Hatchback –
replacement guide

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 Astra Mk V (H) (A04) Hatchback 1.4, VAUXHALL Astra Mk V (H) (A04) Hatchback 1.8, VAUXHALL Astra Mk V (H) (A04) Hatchback 2.0 Turbo, VAUXHALL Astra Mk V (H) (A04) Hatchback 1.7 CDTI, VAUXHALL Astra Mk V (H) (A04) Hatchback 1.3 CDTI, VAUXHALL Astra Mk V (H) (A04) Hatchback 1.9 CDTI 16V, VAUXHALL Astra Mk V (H) (A04) Hatchback 1.9 CDTI, VAUXHALL Astra Mk V (H) (A04) Hatchback 1.6, VAUXHALL Astra Mk V (H) (A04) Hatchback 1.6 Turbo

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 Saloon (A04) 1.6 (L69)

REPLACEMENT: COIL SPRINGS – VAUXHALL ASTRA MK V (H) (A04) HATCHBACK. TOOLS YOU MIGHT NEED:



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

Buy tools

Replacement: coil springs – VAUXHALL Astra Mk V (H) (A04) Hatchback.
 AUTODOC experts recommend:

- Both coil springs of the rear suspension should be replaced simultaneously.
- The replacement procedure is identical for the left and right coil springs of the rear suspension.
- Please note: all work on the car – VAUXHALL Astra Mk V (H) (A04) Hatchback – 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.



AUTODOC recommends:

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

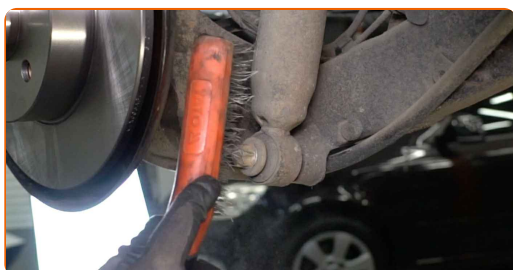
5

Remove the wheel.



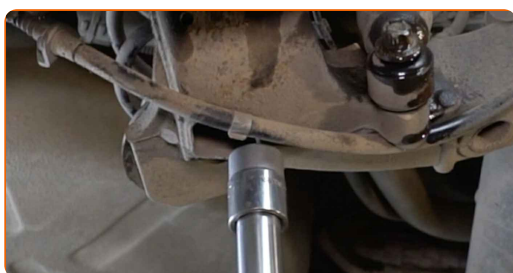
6

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



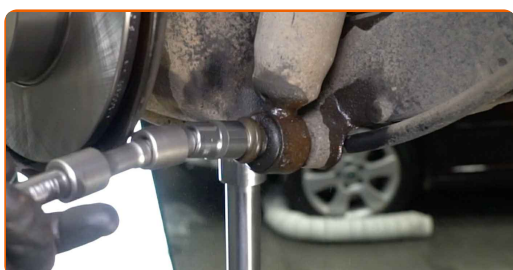
7

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



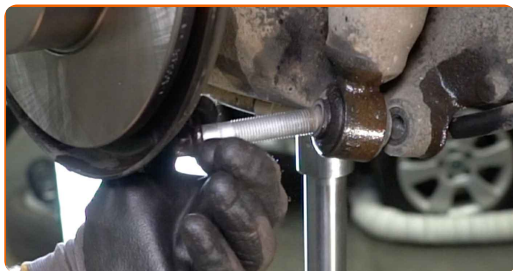
8

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



9

Remove the fastening bolt.



10

Remove the mounting from under the rear axle beam.



AUTODOC recommends:

- Replacement: coil springs – VAUXHALL Astra Mk V (H) (A04) Hatchback. Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

11

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



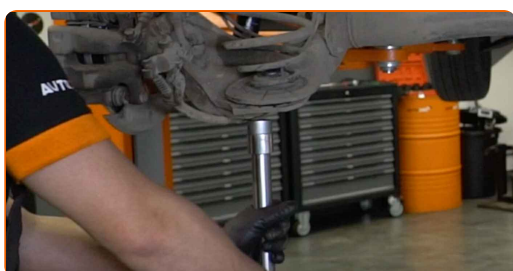
- 12** Unscrew the lower fastener of the shock absorber. Use a drive socket #E20. Use a tap wrench. Use a ratchet wrench.



- 13** Remove the fastening bolt.



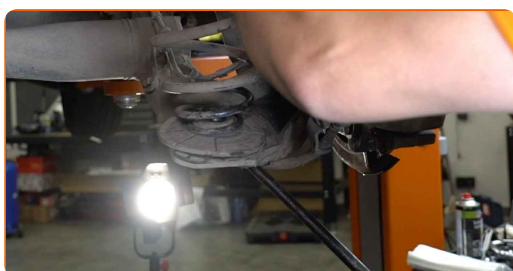
- 14** Remove the mounting from under the rear axle beam.



AUTODOC recommends:

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

- 15** Pull down the rear suspension beam. Use a crowbar.



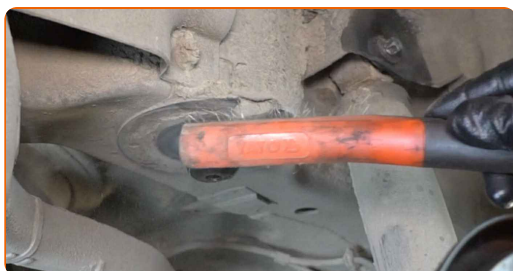
16 Remove the spring.



Replacement: coil springs – VAUXHALL Astra Mk V (H) (A04) Hatchback. Tip from AUTODOC:

- Inspect the rubber mounts of the suspension spring. Replace if necessary.

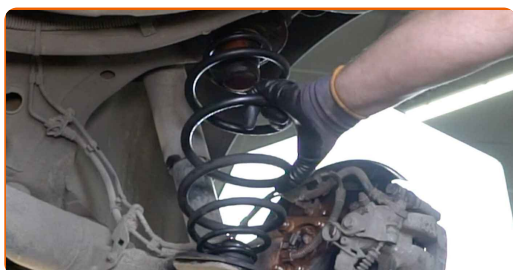
17 Clean the coil spring mounting seats. Use a wire brush. Use WD-40 spray.



18 Pull down the rear suspension beam. Use a crowbar.



19 Install the coil spring together with the rubber mounts into the mounting seats.



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



21 Install the fastening bolt.



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



23 Remove the mounting from under the rear axle beam.



AUTODOC recommends:

- Replacement: coil springs – VAUXHALL Astra Mk V (H) (A04) Hatchback. Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

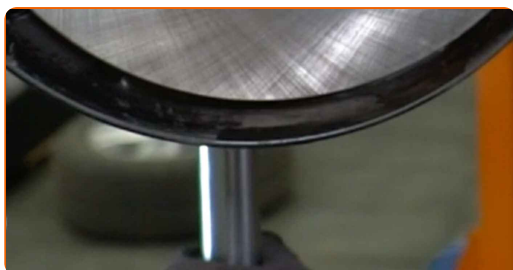
24 Clean the shock absorber mounting seats. Use a wire brush. Use WD-40 spray.



25 Install the fastening bolt.



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



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



28 Remove the mounting from under the rear axle beam.

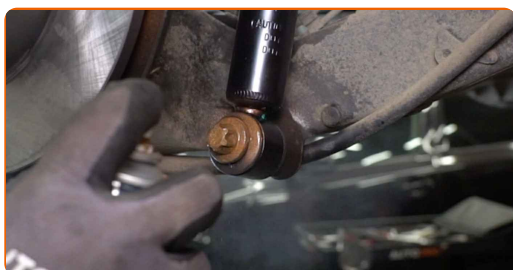


AUTODOC recommends:

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

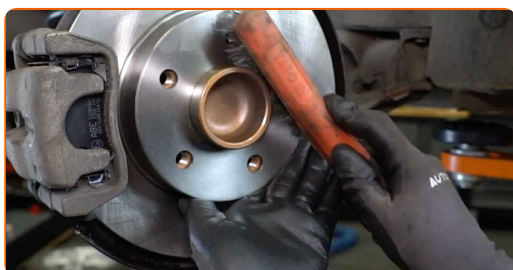
29

Treat the shock absorber fasteners. Use copper grease.



30

Clean the wheel rim mounting seat. Use a wire brush.



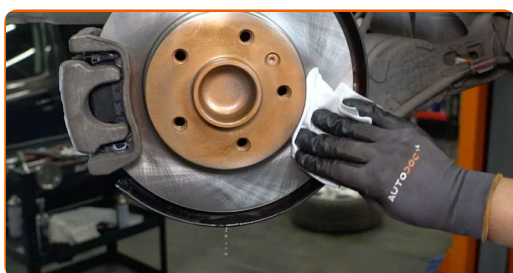
31

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



32

Clean the brake disk surface. Use a brake cleaner.

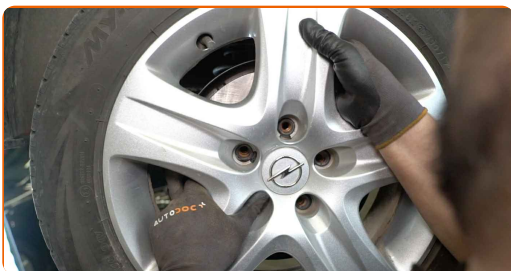


AUTODOC recommends:

- Replacement: coil springs – VAUXHALL Astra Mk V (H) (A04) Hatchback. After applying the spray, wait a few minutes.

33

Install the wheel.



AUTODOC recommends:

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

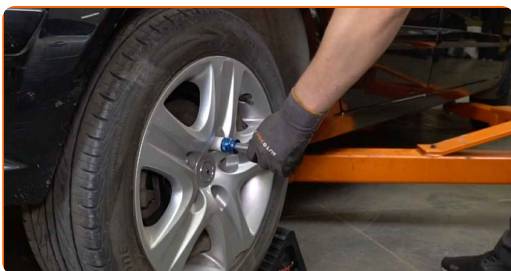
34

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



35

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.



36

Remove the jacks and chocks.



WELL DONE! 

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