



How to change rear coil  
springs on **Opel Astra H**  
**Caravan** – replacement  
guide

## VIDEO TUTORIAL



### **i Important!**

This replacement procedure can be used for:

OPEL Astra H Caravan (A04) 1.4 (L35), OPEL Astra H Caravan (A04) 1.6 (L35), OPEL Astra H Caravan (A04) 1.8 (L35), OPEL Astra H Caravan (A04) 2.0 Turbo (L35), OPEL Astra H Caravan (A04) 1.7 CDTI (L35), OPEL Astra H Caravan (A04) 1.9 CDTI (L35), OPEL Astra H Caravan (A04) 1.9 CDTI 16V (L35), OPEL Astra H Caravan (A04) 1.6 Turbo (L35)

The steps may slightly vary depending on the car design.

## REPLACEMENT: COIL SPRINGS – OPEL ASTRA H CARAVAN. TOOLS YOU NEED:



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

**BUY TOOLS**

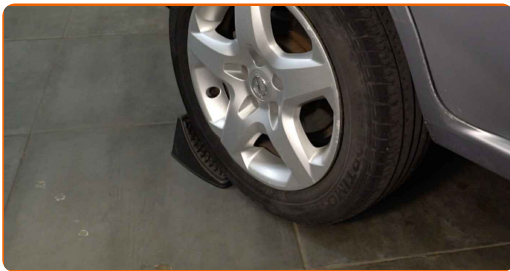
### Replacement: coil springs – Opel Astra H Caravan. Professionals recommend:

- 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.
- Warning! Shut down the engine before starting any work – Opel Astra H Caravan.

## CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1

Secure the wheels with chocks.



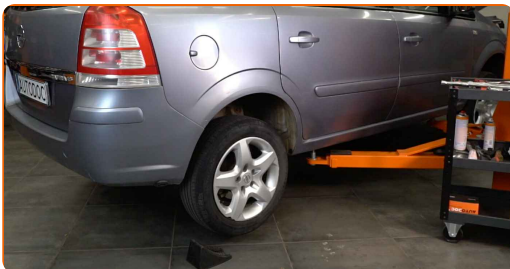
2

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



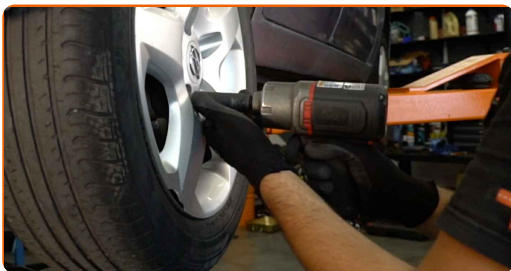
3

Raise the rear of the car and secure on supports.



4

Unscrew the wheel bolts.

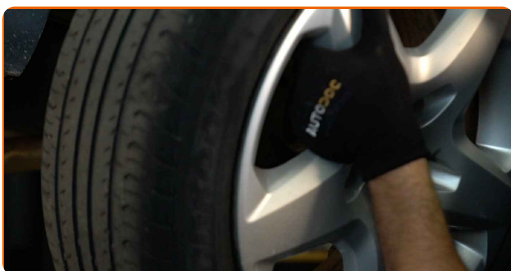


Replacement: coil springs – Opel Astra H Caravan. Tip:

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

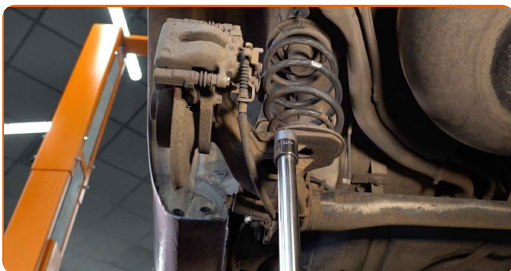
5

Remove the wheel.



6

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



7

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

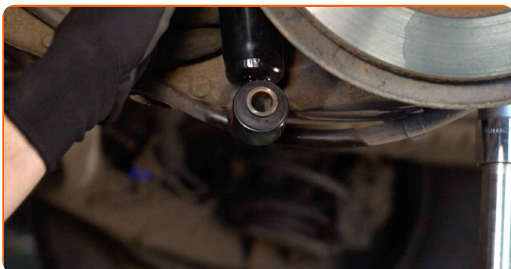
8

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



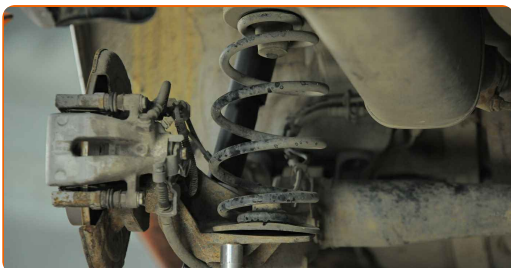
9

Remove the fastening bolt.



10

Remove the mounting from under the rear axle beam.



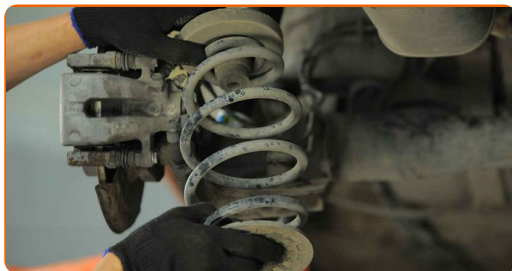
### AUTODOC recommends:

- Replacement: coil springs – Opel Astra H Caravan. Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

11

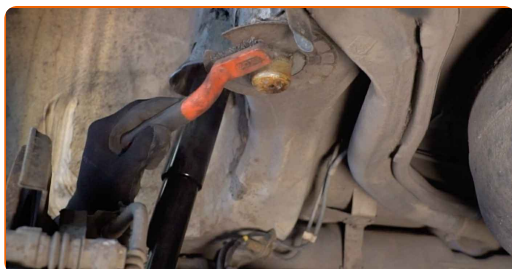
Pull down the rear suspension beam.

**12** Take out the spring.



**13** Remove the rubber spring spacer.

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

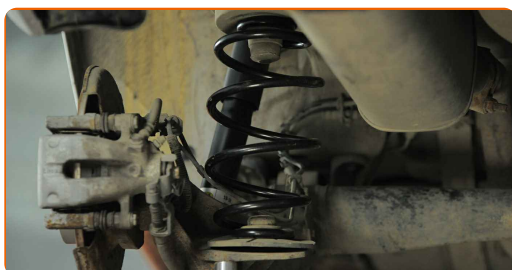


**15** Install the rubber spring spacer.



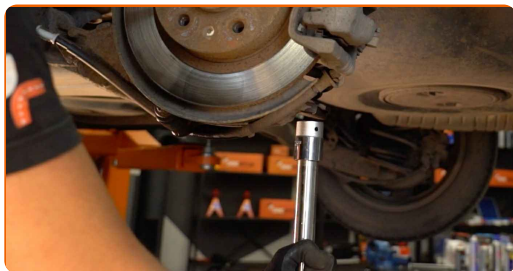
**16** Pull down the rear suspension beam.

**17** Install the spring.





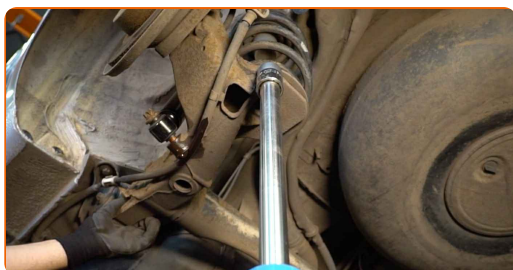
- 18 Support the rear suspension beam. Use a hydraulic transmission jack.



- 19 Install the fastening bolt.



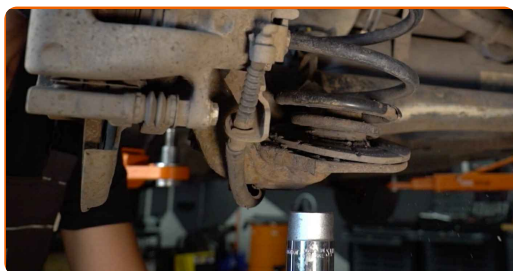
- 20 Raise the hydraulic transmission jack by 10-15 cm.



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



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



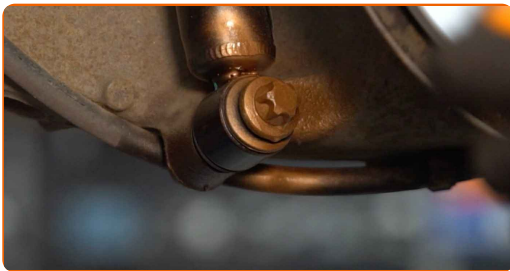


### AUTODOC recommends:

- Opel Astra H Caravan – Do not lower the transmission jack sharply to avoid damaging components and mechanisms of the car.

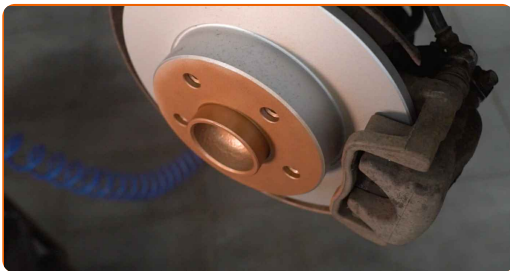
23

Treat the shock absorber fasteners. Use copper grease.



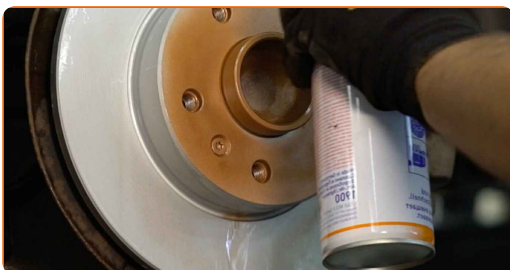
24

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



25

Clean the brake disk surface. Use a brake cleaner.



### Replacement: coil springs – Opel Astra H Caravan. Tip from AUTODOC experts:

- After applying the spray, wait a few minutes.

26

Install the wheel.

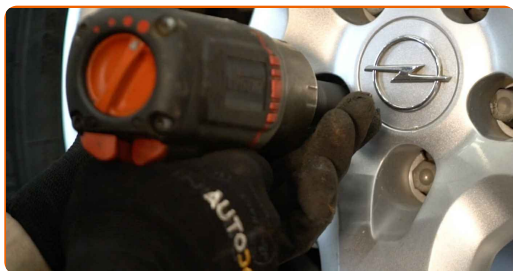


### AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. Opel Astra H Caravan

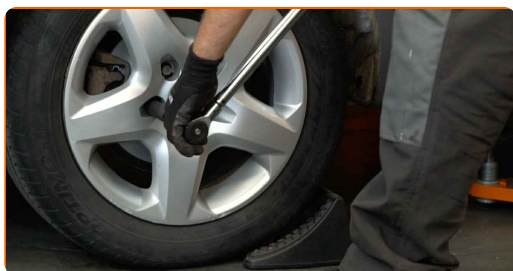
27

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



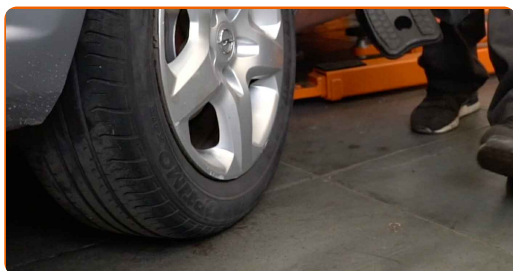
28

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.



29

Remove the jacks and chocks.



**WELL DONE!** 

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