



How to change rear coil  
springs on **VAUXHALL**  
**Astra Mk IV (G) Saloon**  
**(T98)** – replacement  
guide

### SIMILAR VIDEO TUTORIAL



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

#### **Important!**

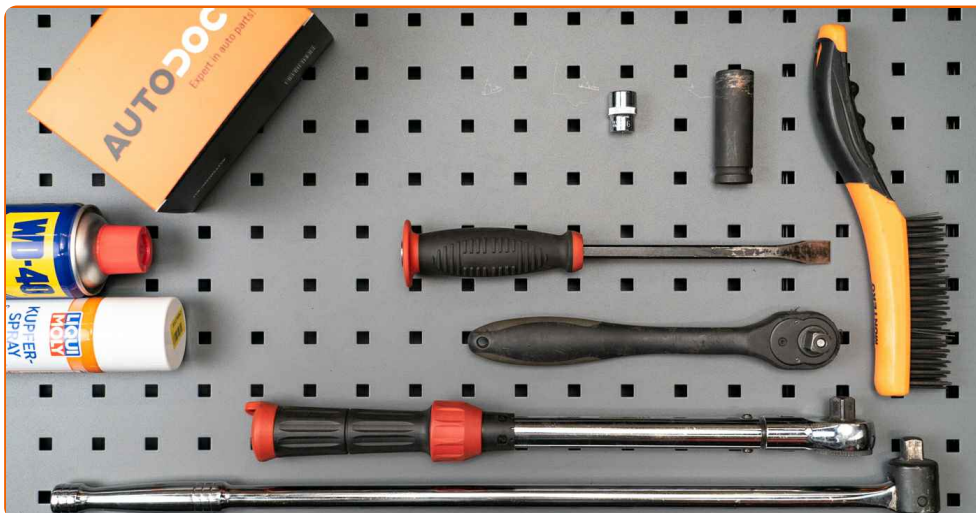
This replacement procedure can be used for:

VAUXHALL Astra Mk IV (G) Saloon (T98) 1.4 16V, VAUXHALL Astra Mk IV (G) Saloon (T98) 1.6, VAUXHALL Astra Mk IV (G) Saloon (T98) 1.6 16V, VAUXHALL Astra Mk IV (G) Saloon (T98) 1.8 16V, VAUXHALL Astra Mk IV (G) Saloon (T98) 2.0 16V, VAUXHALL Astra Mk IV (G) Saloon (T98) 1.7 TD, VAUXHALL Astra Mk IV (G) Saloon (T98) 2.0 DI, VAUXHALL Astra Mk IV (G) Saloon (T98) 2.0 DTI 16V, VAUXHALL Astra Mk IV (G) Saloon (T98) 1.7 DTI 16V, VAUXHALL Astra Mk IV (G) Saloon (T98) 1.7 CDTI 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 G CC (T98) 1.2 16V (F08, F48)

REPLACEMENT: COIL SPRINGS – VAUXHALL ASTRA MK IV (G) SALOON (T98). TOOLS YOU MIGHT NEED:



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

**Buy tools**

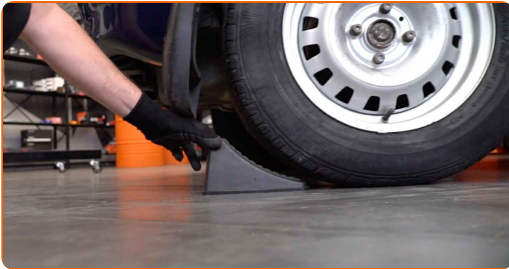
Replacement: coil springs – VAUXHALL Astra Mk IV (G) Saloon (T98). Tip from AUTODOC experts:

- 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 IV (G) Saloon (T98) – 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:**

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.  
VAUXHALL Astra Mk IV (G) Saloon (T98)

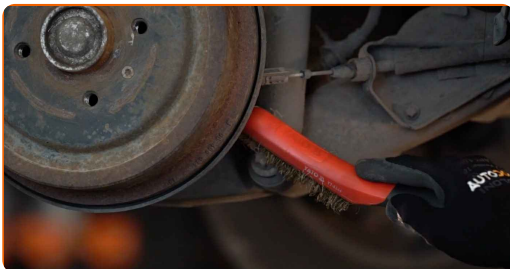
5

Remove the wheel.



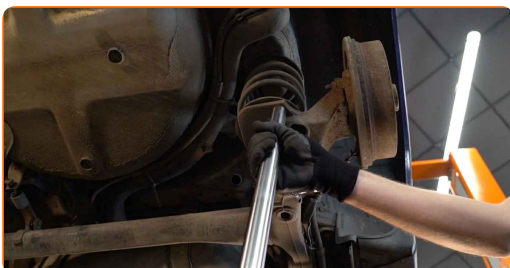
6

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

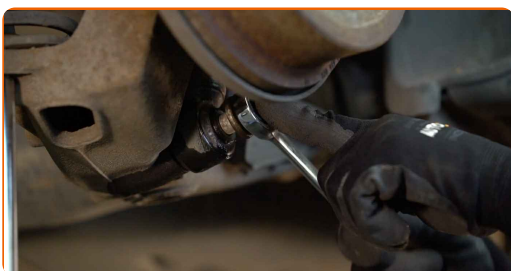


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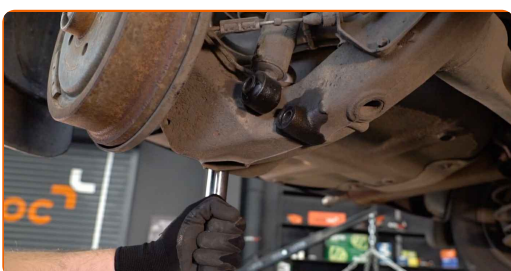
Support the arm. Use a hydraulic transmission jack.



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



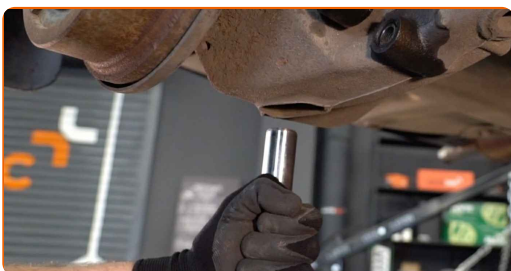
- 9** Detach the lower part of the shock absorber.



**AUTODOC recommends:**

- VAUXHALL Astra Mk IV (G) Saloon (T98) – To avoid injury, hold the shock absorber while unscrewing the fastening bolts.

- 10** Remove the support from under the rear arm.



**AUTODOC recommends:**

- VAUXHALL Astra Mk IV (G) Saloon (T98) – Do not lower the transmission jack sharply to avoid damaging components and mechanisms of the car.

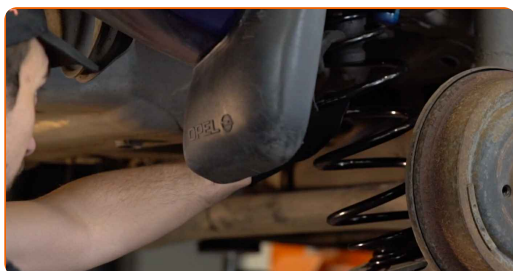
**11** Pull down the rear suspension beam. Use a crowbar. Take out the spring.



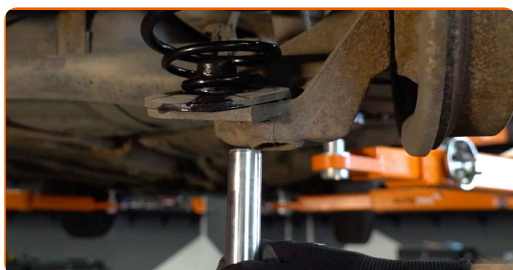
**12** Clean the coil spring mounting seats.

**13** Inspect the rubber mounts of the suspension spring. Replace if necessary.

**14** Install the coil spring together with the rubber mounts into the mounting seats. Use a crowbar.



**15** Support the arm. Use a hydraulic transmission jack.

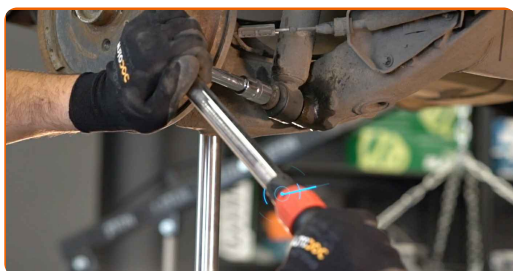


**16** Clean the shock absorber mounting seats. Use WD-40 spray.





- 17** Tighten the lower fastener of the shock absorber. Use a drive socket #E20. Use a torque wrench. Tighten it to 110 Nm torque.



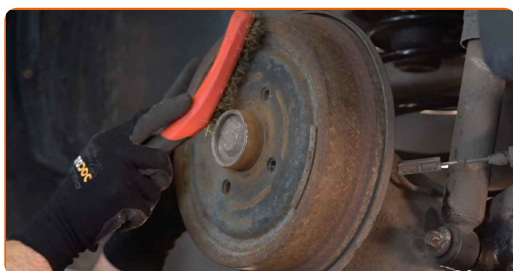
**AUTODOC recommends:**

- Important! Be sure to use new fasteners.

- 18** Remove the support from under the rear arm.



- 19** Clean the brake drum. Use a wire brush. Treat the contacting surface. Use copper grease.



- 20** Install the wheel.





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



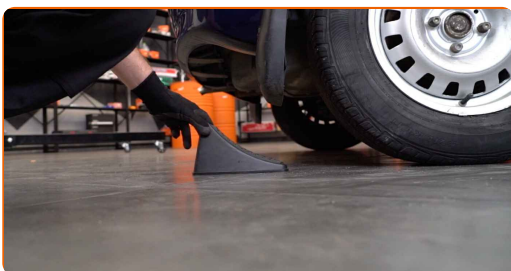
**AUTODOC recommends:**

- Important! Hold the wheel while screwing in the fastening bolts. VAUXHALL Astra Mk IV (G) Saloon (T98)

**22** 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.



**23** Remove the jacks and chocks.



**WELL DONE!** 

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