



How to change rear coil  
springs on **Seat Ibiza 6L1**  
– replacement guide

## VIDEO TUTORIAL



### **ⓘ Important!**

This replacement procedure can be used for:

SEAT Ibiza III Hatchback (6L) 1.2, SEAT Ibiza III Hatchback (6L) 1.4 16V, SEAT Ibiza III Hatchback (6L) 1.9 TDI, SEAT Ibiza III Hatchback (6L) 1.9 SDI, SEAT Ibiza III Hatchback (6L) 1.4 TDI, SEAT Córdoba II Saloon (6L2) 1.2, SEAT Córdoba II Saloon (6L2) 1.4 16V, SEAT Córdoba II Saloon (6L2) 1.9 TDI, SEAT Córdoba II Saloon (6L2) 1.9 SDI, SEAT Córdoba II Saloon (6L2) 1.4 TDI, SEAT Ibiza III Hatchback (6L) 1.8 T Cupra R, SEAT Ibiza III Hatchback (6L) 1.6, SEAT Córdoba II Saloon (6L2) 1.6, SEAT Ibiza III Hatchback (6L) 1.9 TDI Cupra R, SEAT Córdoba II Saloon (6L2) 2.0, (+ 11)

The steps may slightly vary depending on the car design.

## REPLACEMENT: COIL SPRINGS – SEAT IBIZA 6L1. TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Copper grease
- Torque wrench
- Combination spanner #16
- Drive socket # 16
- Wheel impact socket #17
- Ratchet wrench
- Crow bar
- Hydraulic transmission jack
- Wheel chock

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Replacement: coil springs – Seat Ibiza 6L1. 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.
- All work should be done with the engine stopped.

## REPLACEMENT: COIL SPRINGS – SEAT IBIZA 6L1. USE THE FOLLOWING PROCEDURE:

1

Secure the wheels with chocks.



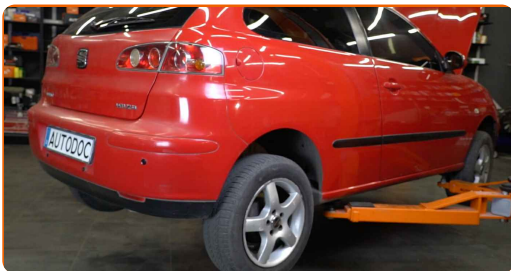
2

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.

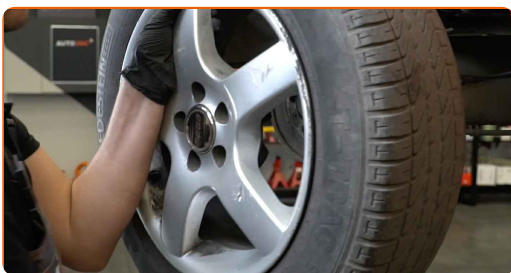


### AUTODOC recommends:

- Important! Hold the wheel while unscrewing the fastening bolts. Seat Ibiza 6L1

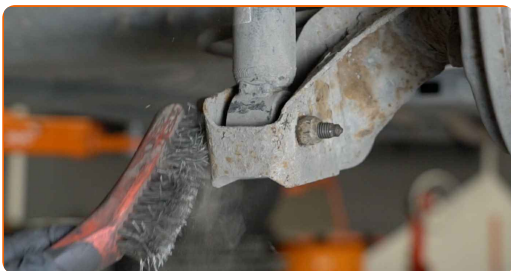
5

Remove the wheel.



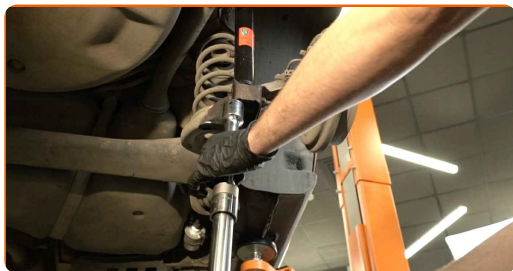
6

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



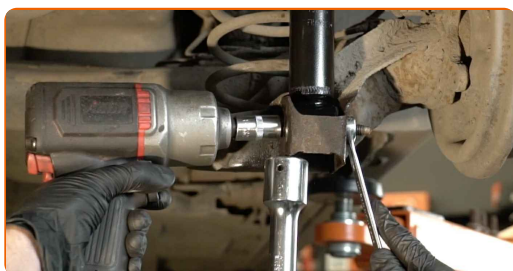
7

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



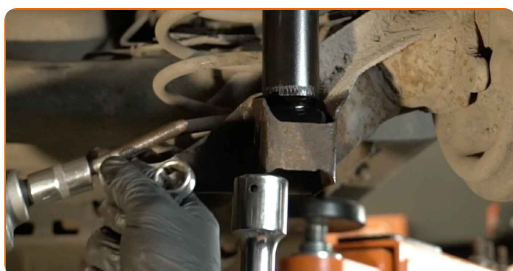
8

Unscrew the lower fastener of the shock absorber. Use a combination spanner #16. Use a drive socket #16. Use a ratchet wrench.



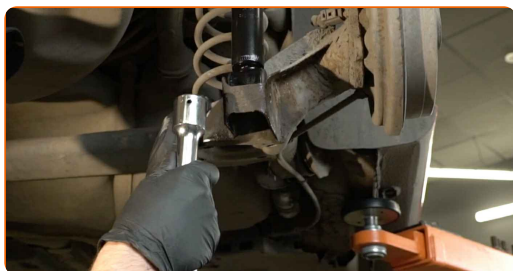
9

Remove the fastening bolt.



10

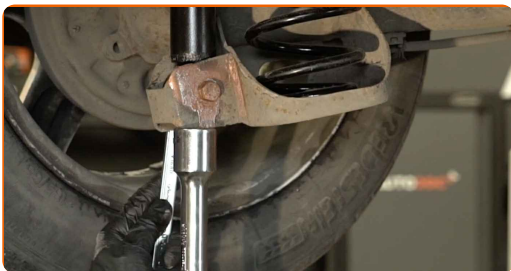
Remove the mounting from under the rear axle beam.



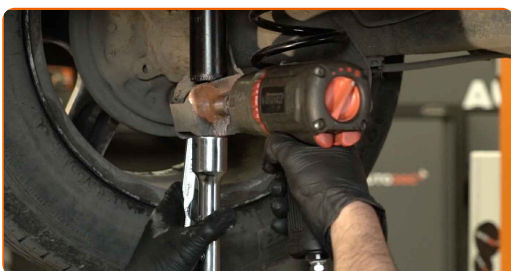
Replacement: coil springs – Seat Ibiza 6L1. Tip:

- Lower the hydraulic transmission jack smoothly, without jerks, to avoid damaging assemblies and mechanisms.

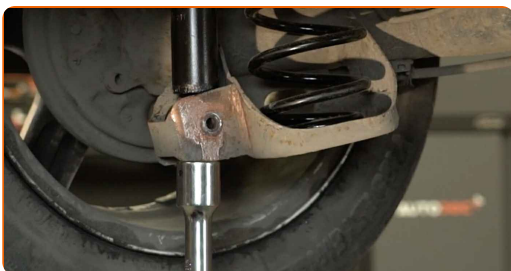
- 11 Support the rear suspension beam. Use a hydraulic transmission jack.



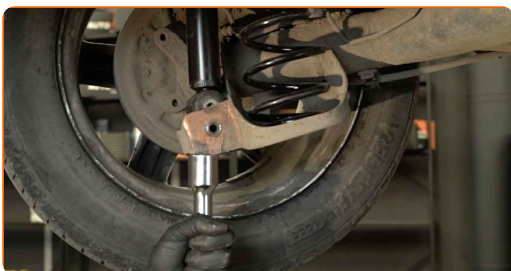
- 12 Unscrew the lower fastener of the shock absorber. Use a combination spanner #16. Use a drive socket #16. Use a ratchet wrench.



- 13 Remove the fastening bolt.



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

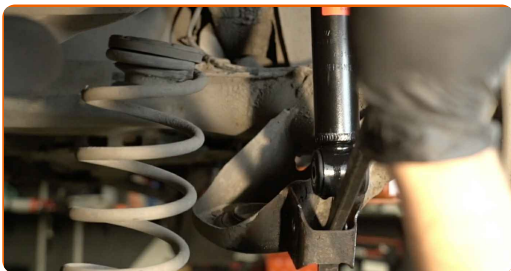


### AUTODOC recommends:

- Seat Ibiza 6L1 – Do not lower the transmission jack sharply to avoid damaging components and mechanisms of the car.



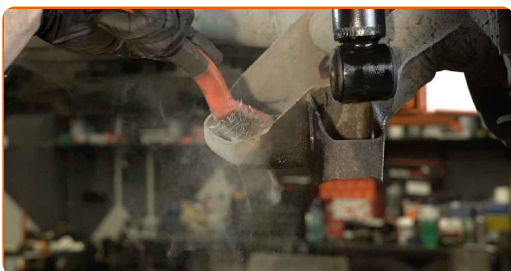
15 Remove the spring. Use a crowbar.



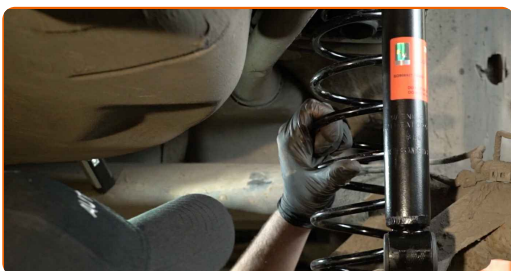
### AUTODOC recommends:

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

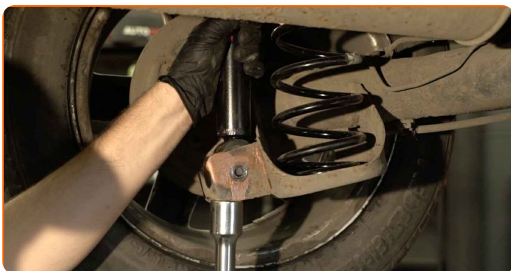
16 Clean the coil spring mounting seats. Use a wire brush. Use WD-40 spray.



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



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





19

Install the fastening bolt.



20

Tighten the lower fastener of the shock absorber. Use a combination spanner #16. Use a drive socket #16. Use a torque wrench. Tighten it to 40 Nm torque. +90°



### AUTODOC recommends:

- Important! Be sure to use new fasteners.

21

Remove the mounting from under the rear axle beam.

### Replacement: coil springs – Seat Ibiza 6L1. Tip from AUTODOC:

- Lower the hydraulic transmission jack smoothly, without jerks, to avoid damaging assemblies and mechanisms.

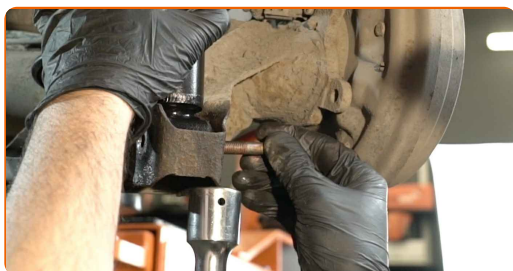
22

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



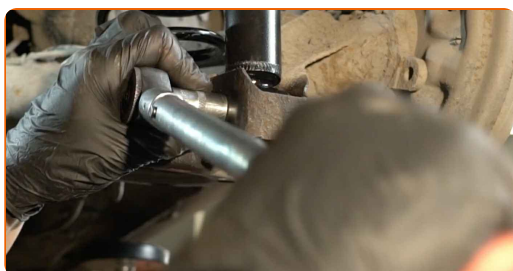
23

Install the fastening bolt.



24

Tighten the lower fastener of the shock absorber. Use a combination spanner #16. Use a drive socket #16. Use a torque wrench. Tighten it to 40 Nm torque.+90°

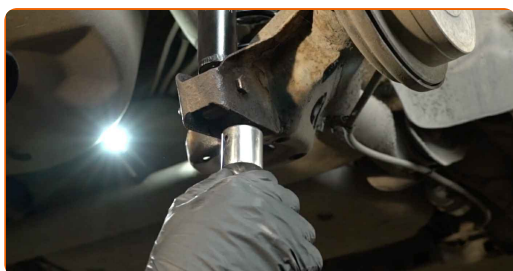


AUTODOC recommends:

- Important! Be sure to use new fasteners.

25

Remove the mounting from under the rear axle beam.

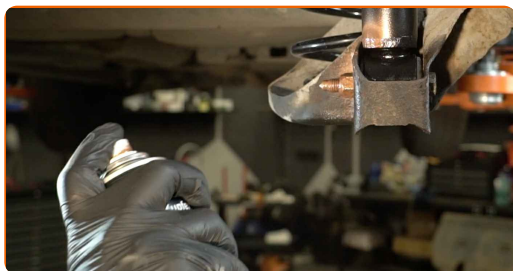


### AUTODOC recommends:

- Seat Ibiza 6L1 – Do not lower the transmission jack sharply to avoid damaging components and mechanisms of the car.

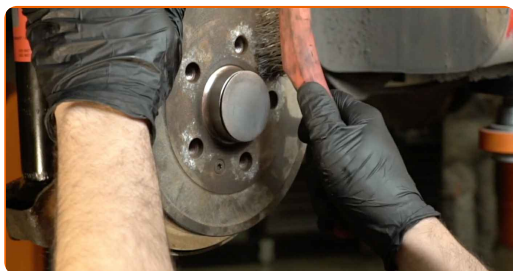
26

Treat the shock absorber fasteners. Use copper grease.



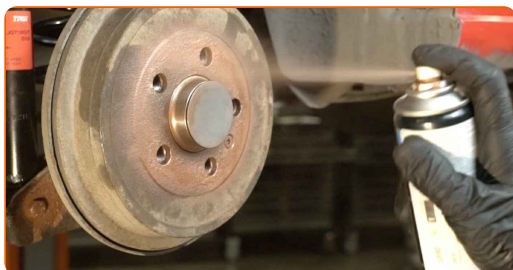
27

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



28

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



29

Install the wheel.



Replacement: coil springs – Seat Ibiza 6L1. Tip from AUTODOC experts:

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

30

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



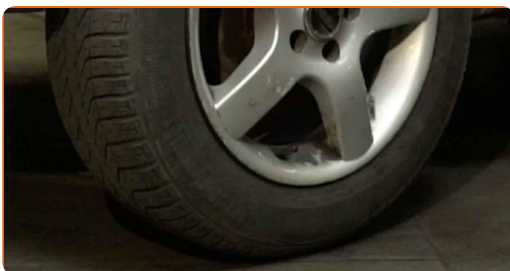
31

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 120 Nm torque.



32

Remove the jacks and chocks.



**WELL DONE!**

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