



How to change rear coil
springs on **VW Bora**
Saloon (1J2) –
replacement guide

SIMILAR VIDEO TUTORIAL



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

i Important!

This replacement procedure can be used for:

VW Bora Saloon (1J2) 1.6, VW Bora Saloon (1J2) 2.0, VW Bora Saloon (1J2) 2.3 V5, VW Bora Saloon (1J2) 1.9 TDI, VW Bora Saloon (1J2) 1.8, VW Bora Saloon (1J2) 1.4 16V, VW Bora Saloon (1J2) 1.9 SDI, VW Bora Saloon (1J2) 1.6 16V, VW Bora Saloon (1J2) 1.8 T, VW Bora Saloon (1J2) 1.6 FSI

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: SKODA OCTAVIA (1U2) 1.6

REPLACEMENT: COIL SPRINGS – VW BORA SALOON (1J2). TOOLS YOU NEED:



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

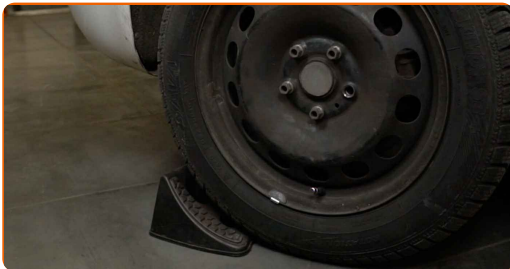
Buy tools

Replacement: coil springs – VW Bora Saloon (1J2). AUTODOC recommends:

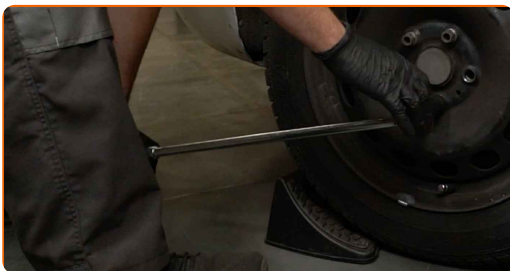
- Both coil springs of the rear suspension should be replaced simultaneously.
- The replacement procedure is identical for the left and right coil springs of the rear suspension.
- Please note: all work on the car – VW Bora Saloon (1J2) – should be done with the engine switched off.

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. VW Bora Saloon (1J2)

5

Remove the wheel.



6

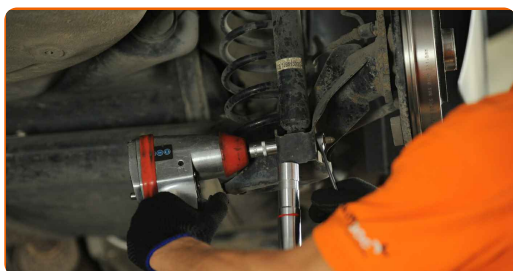
Support the rear suspension beam. Use a hydraulic transmission jack.



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 combination spanner #16. Use a drive socket #16. Use a ratchet wrench.



- 9** Remove the fastening bolt.

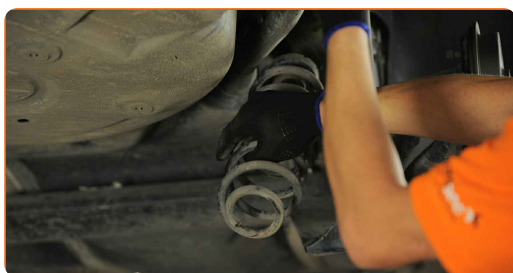
- 10** Remove the mounting from under the rear axle beam.

AUTODOC recommends:

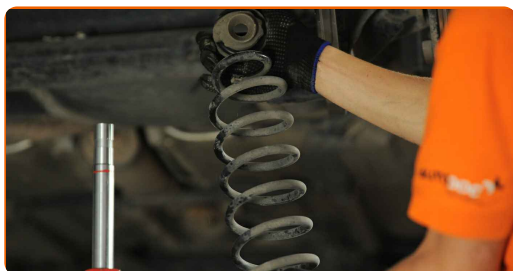
- Lower the hydraulic transmission jack smoothly, without jerks, to avoid damaging assemblies and mechanisms.

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

- 12** Take out the spring.



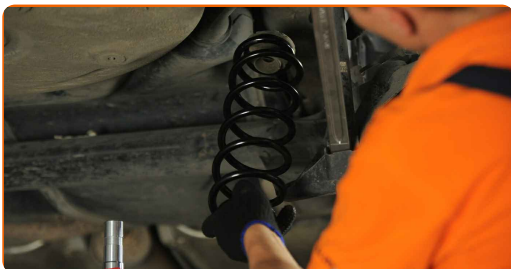
- 13** Remove the rubber spring spacer.



Replacement: coil springs – VW Bora Saloon (1J2). Professionals recommend:

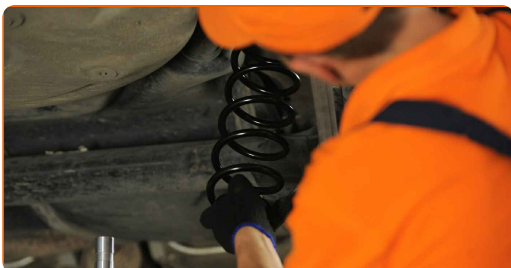
- Inspect the rubber mounts of the suspension spring. Replace if necessary.

14 Install the rubber spacer on the new coil spring.

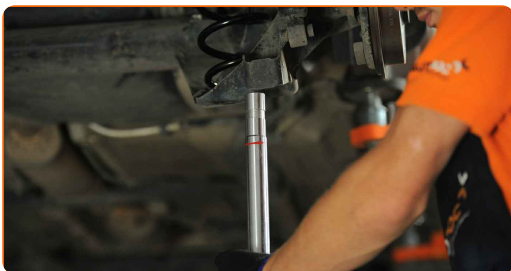


15 Pull down the rear suspension beam. Use a crowbar.

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



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

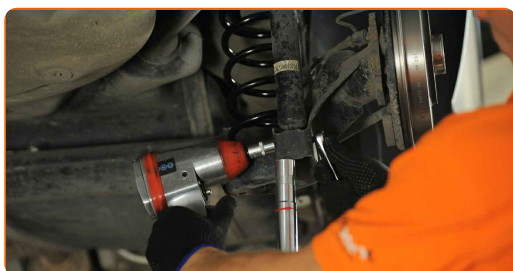


18 Install the fastening bolt. Use a hammer.

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



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°



21 Remove the mounting from under the rear axle beam.

Replacement: coil springs – VW Bora Saloon (1J2). Tip from AUTODOC experts:

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

22 Treat the shock absorber fasteners. Use copper grease.

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



24

Treat the surface where the wheel rim contacts the brake drum. Use high-temperature ceramic grease.



25

Install the wheel.



AUTODOC recommends:

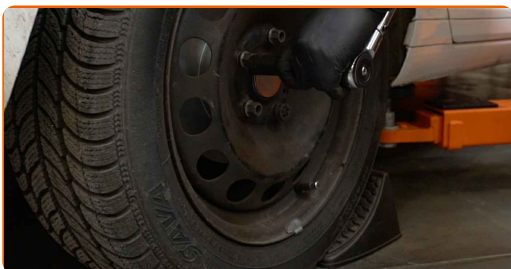
- Important! Hold the wheel while screwing in the fastening bolts. VW Bora Saloon (1J2)

26

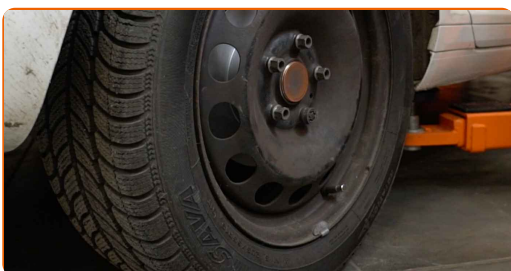
Screw in the wheel bolts. Use wheel impact socket #17.



- 27** 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.



- 28** Remove the jacks and chocks.



WELL DONE! 

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COIL SPRINGS: A WIDE SELECTION

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