



How to change rear coil
springs on **SEAT**
Alhambra (7V8, 7V9) –
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:

SEAT Alhambra (7V8, 7V9) 2.0 i, SEAT Alhambra (7V8, 7V9) 1.9 TDI, SEAT Alhambra (7V8, 7V9) 1.8 T 20V

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: VW SHARAN (7M8, 7M9, 7M6) 1.9 TDI

REPLACEMENT: COIL SPRINGS – SEAT ALHAMBRA (7V8, 7V9). TIP FROM AUTODOC EXPERTS:



- Wire brush
- WD-40 spray
- Brake cleaner
- Ceramic grease
- Copper grease
- Torque wrench
- Combination spanner #21
- Drive socket # 13
- Drive socket # 21
- Wheel impact socket #19
- Ratchet wrench
- Hydraulic transmission jack
- Wheel chock

Buy tools

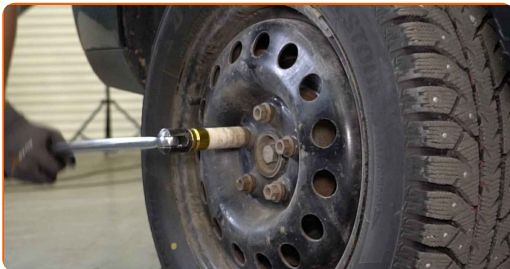
Replacement: coil springs – SEAT Alhambra (7V8, 7V9). Tools you need:

- 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 – SEAT Alhambra (7V8, 7V9) – 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 #19.

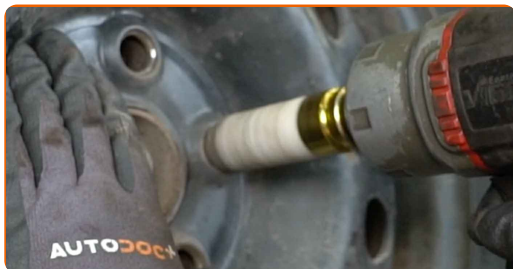


3 Raise the car.

Replacement: coil springs – SEAT Alhambra (7V8, 7V9). Tip:

- If you are using a jack, make sure it rests on a flat surface without any unevenness.
- Be sure to additionally secure the car with jack stands.

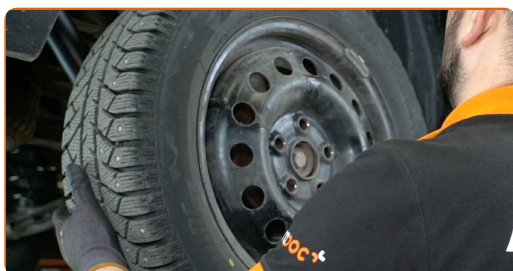
4 Unscrew the wheel bolts.



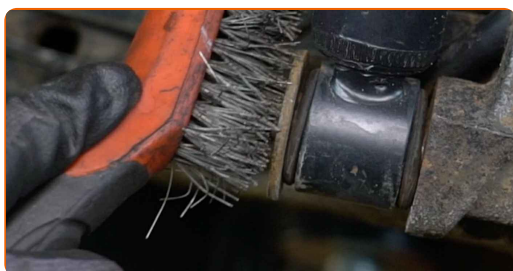
AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.
SEAT Alhambra (7V8, 7V9)

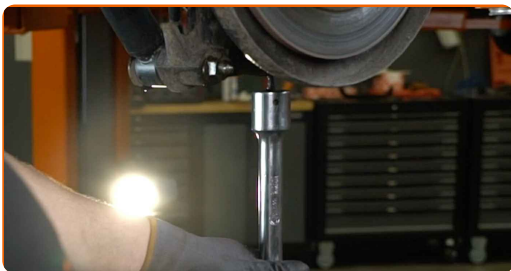
5 Remove the wheel.



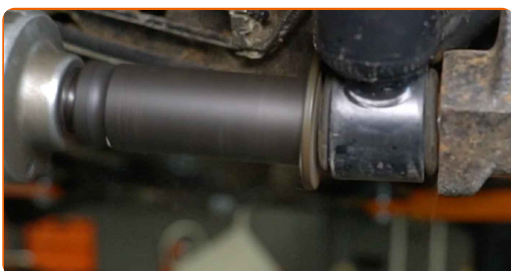
6 Clean the lower shock absorber fastener. Use a wire brush. Use WD-40 spray.



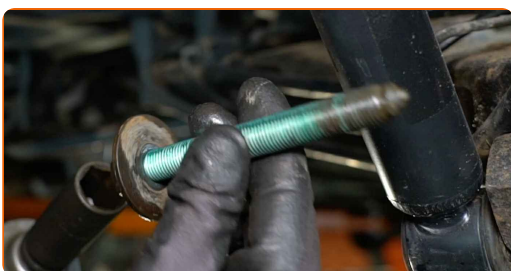
7 Support the rear knuckle. Use a hydraulic transmission jack.



8 Unscrew the lower fastener of the shock absorber. Use a combination spanner #21. Use a drive socket #21. Use a ratchet wrench.

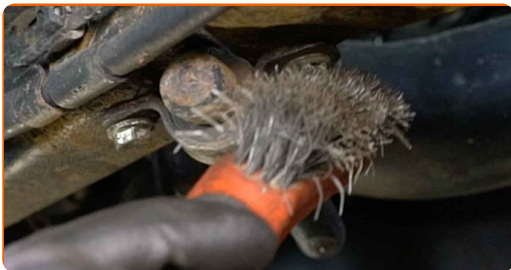


9 Remove the fastening bolt.

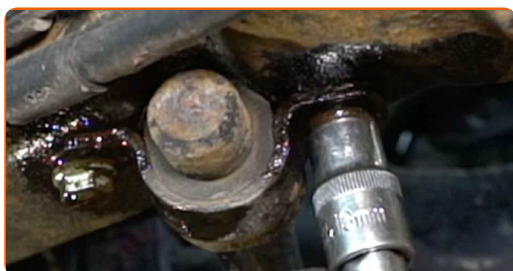


10 Lower the hydraulic transmission jack by 10-15 cm.

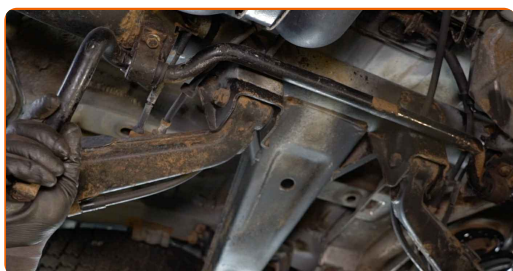
11 Clean the fasteners that connect the sway bar to the suspension arms. Use a wire brush. Use WD-40 spray.



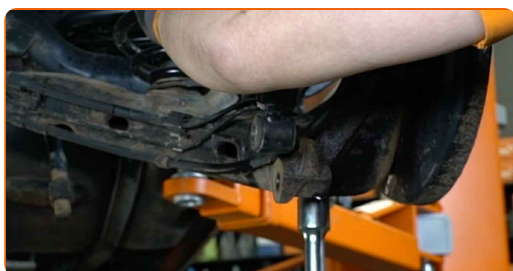
- 12** Unscrew the fasteners that connect the sway bar to the suspension arms. Use a drive socket #13. Use a ratchet wrench.



- 13** Move the sway bar aside.



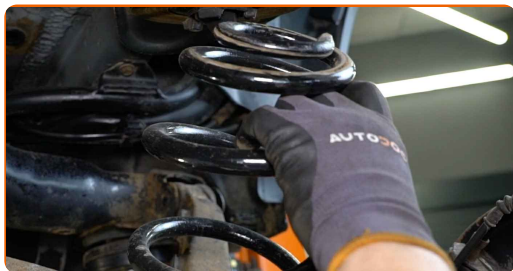
- 14** Remove the support from under the rear knuckle.



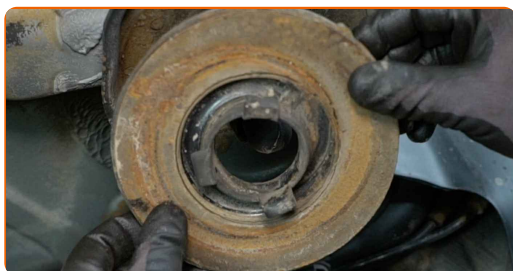
AUTODOC recommends:

- Replacement: coil springs – SEAT Alhambra (7V8, 7V9). Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

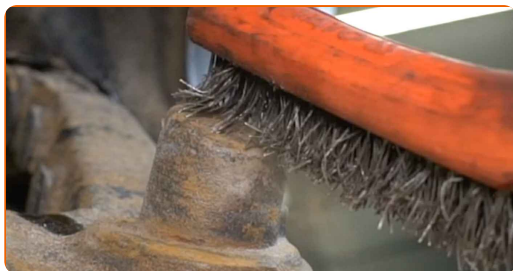
15 Take out the spring.



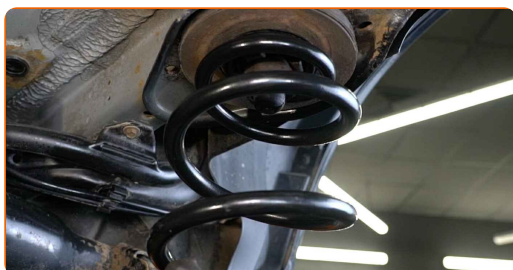
16 Remove the rubber mounts of the spring.



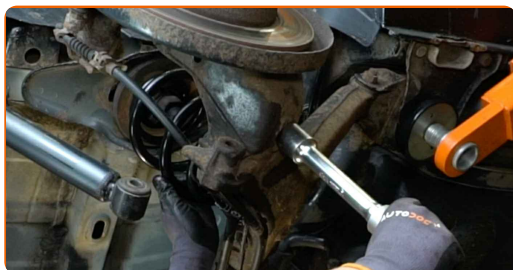
17 Clean the coil spring mounting seats. Use a wire brush. Use WD-40 spray.



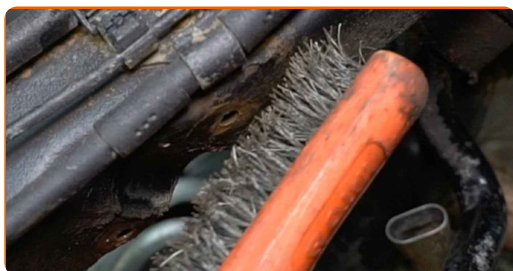
18 Install the coil spring together with the rubber mounts into the mounting seats.



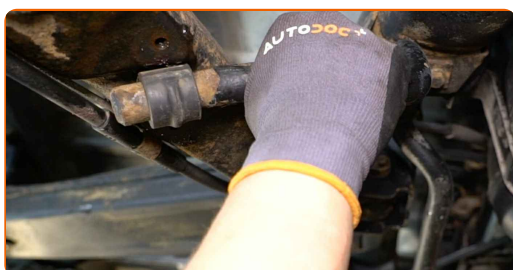
19 Support the rear knuckle. Use a hydraulic transmission jack.



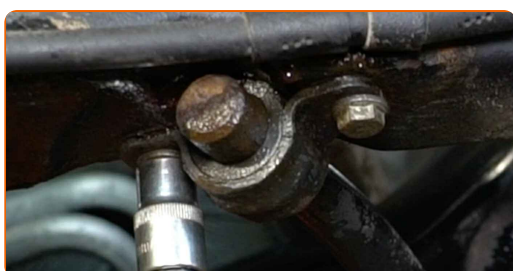
20 Clean the sway bar mounting seats. Use a wire brush. Use WD-40 spray.



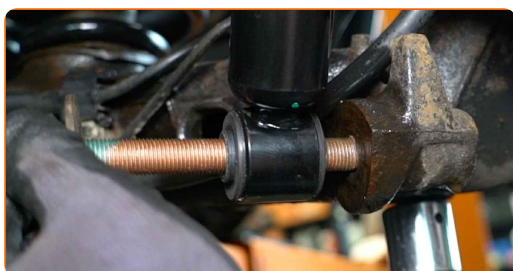
21 Install the sway bar and fasten it.



22 Tighten the fasteners that connect the sway bar to the suspension arms. Use a drive socket #13. Use a torque wrench. Tighten it to 35 Nm torque.



23 Install the fastening bolt.



Replacement: coil springs – SEAT Alhambra (7V8, 7V9). Tip from AUTODOC:

- For tightening the fasteners correctly, you have to jack up the suspension components to their working position.

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



- 25** Remove the support from under the rear knuckle.



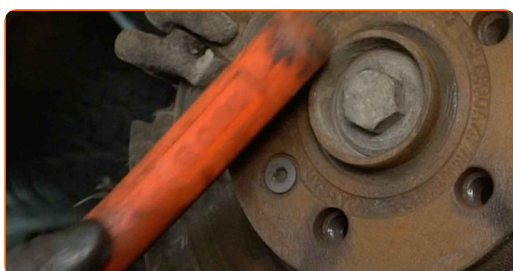
AUTODOC recommends:

- SEAT Alhambra (7V8, 7V9) – Do not lower the transmission jack sharply to avoid damaging components and mechanisms of the car.

- 26** Treat the lower fastener of the shock absorber. Use copper grease.



- 27** Clean the wheel rim mounting seat. Use a wire brush.



28

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



29

Clean the brake disk surface. Use a brake cleaner.

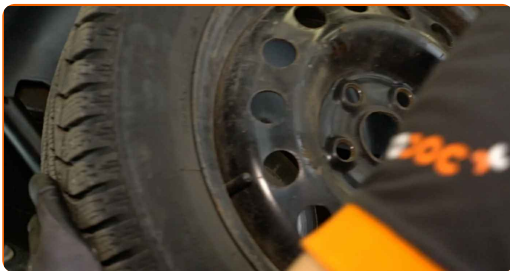


AUTODOC recommends:

- Replacement: coil springs – SEAT Alhambra (7V8, 7V9). After applying the spray, wait a few minutes.

30

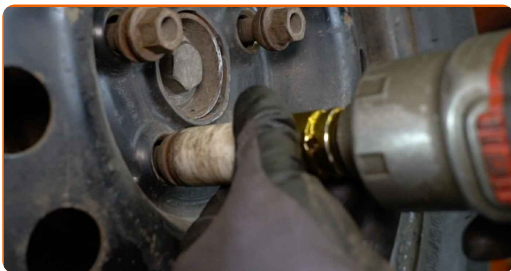
Install the wheel.



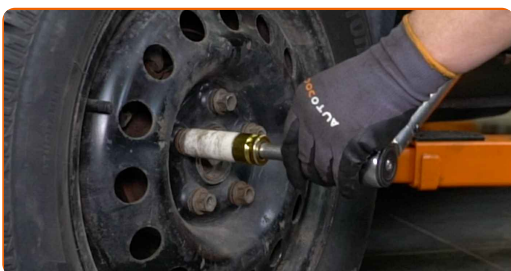
AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts. SEAT Alhambra (7V8, 7V9)

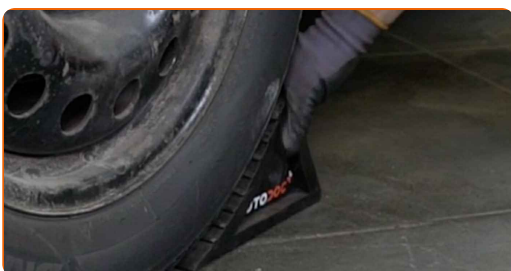
31 Screw in the wheel bolts. Use wheel impact socket #19.



32 Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #19. Use a torque wrench. Tighten it to 170 Nm torque.



33 Remove the jacks and chocks.



WELL DONE! 

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