



How to change front coil  
springs on **Skoda**  
**Octavia 1U** –  
replacement guide

## VIDEO TUTORIAL



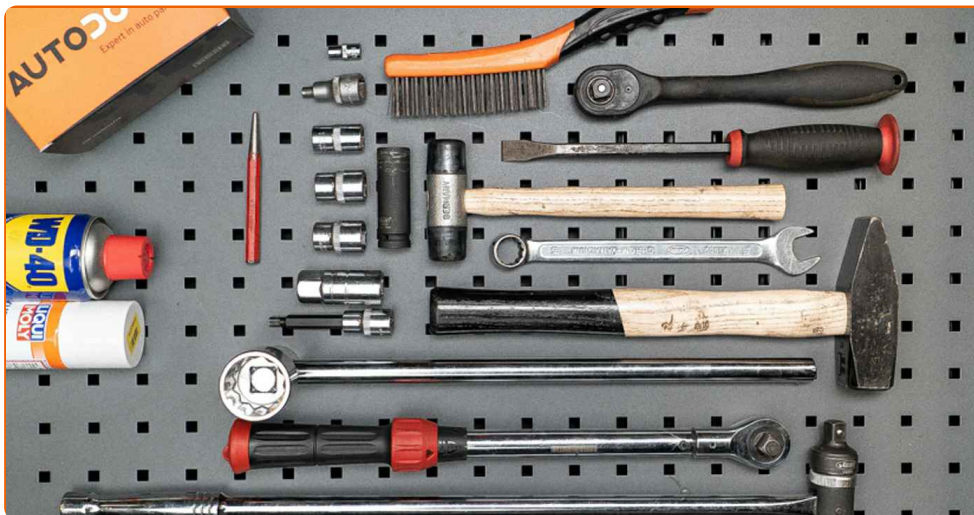
### Important!

This replacement procedure can be used for:

SKODA OCTAVIA (1U2) 1.6, SKODA OCTAVIA (1U2) 1.8, SKODA OCTAVIA (1U2) 1.9 TDI, SKODA OCTAVIA (1U2) 1.9 SDI, SKODA Octavia I Combi (1U5) 1.6, SKODA Octavia I Combi (1U5) 1.8 20V, SKODA Octavia I Combi (1U5) 1.9 SDI, SKODA Octavia I Combi (1U5) 1.9 TDI, SKODA Octavia I Combi (1U5) 1.8 T, SKODA OCTAVIA (1U2) 1.8 T, SKODA Octavia I Combi (1U5) 1.9 TDI 4x4, SKODA OCTAVIA (1U2) 2.0, SKODA Octavia I Combi (1U5) 2.0, SKODA OCTAVIA (1U2) 1.4, SKODA OCTAVIA (1U2) 1.4 16V, (+ 4)

The steps may slightly vary depending on the car design.

**REPLACEMENT: COIL SPRINGS – SKODA OCTAVIA 1U.  
TOOLS YOU MIGHT NEED:**



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- High-temperature ceramic grease
- Torque wrench
- HEX bit No.H6.
- Combination spanner #18
- Drive socket # 16
- Drive socket # 18
- Drive socket # 20.6
- Wheel impact socket #17
- Ratchet wrench
- Hydraulic strut spring compressor
- Hammer
- Rubber mallet
- Hydraulic transmission jack
- Fender cover
- Wheel chock

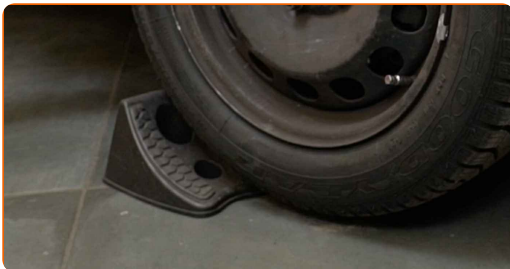
**BUY TOOLS**

Replacement: coil springs – Skoda Octavia 1U. Tip from AUTODOC:

- Both coil springs of the front suspension should be replaced simultaneously.
- The replacement procedure is identical for the left and right coil springs of the front suspension.
- All work should be done with the engine stopped.

**REPLACEMENT: COIL SPRINGS – SKODA OCTAVIA 1U. USE THE FOLLOWING PROCEDURE:**

**1** Secure the wheels with chocks.



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



**3** Raise the front of the car and secure on supports.



**4** Unscrew the wheel bolts.



**AUTODOC recommends:**

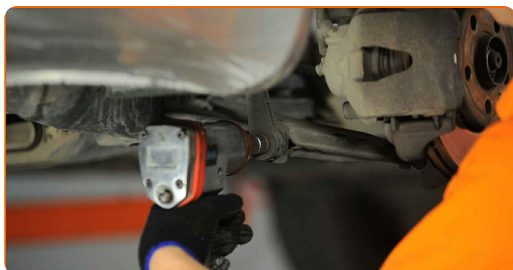
- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.  
Skoda Octavia 1U

**5** Remove the wheel.



**6** Clean the stabiliser link fasteners. Use a wire brush. Use WD-40 spray.

**7** Unscrew the fastener connecting the stabilizer link to the control arm. Use a drive socket #16. Use a ratchet wrench.



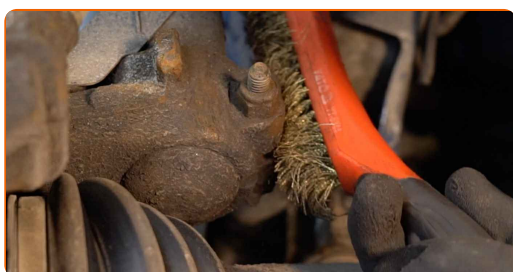
**8** Remove the fastening bolt.

**9** Remove the stabilizer rod.

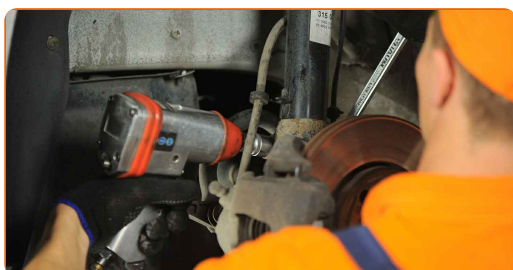
**10** Disconnect the ABS sensor wiring.



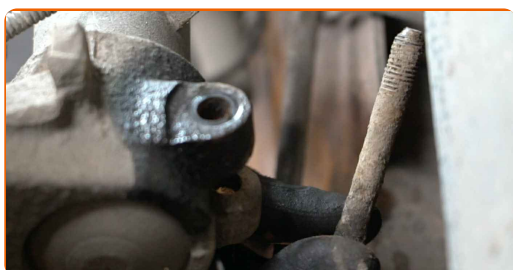
**11** Clean the lower fastener connecting the suspension strut to the steering knuckle. Use a wire brush. Use WD-40 spray.



**12** Unscrew the lower fastener connecting the shock strut to the steering knuckle. Use a combination spanner #18. Use a drive socket #18. Use a ratchet wrench.

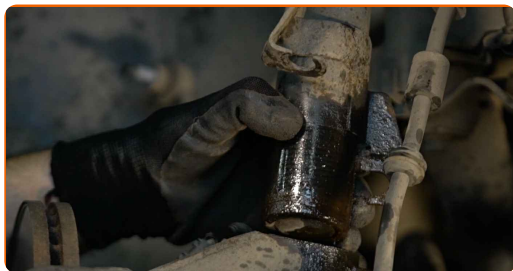


**13** Remove the fastening bolt.





**14** Disconnect the steering knuckle from the shock absorber strut. Use a rubber mallet.



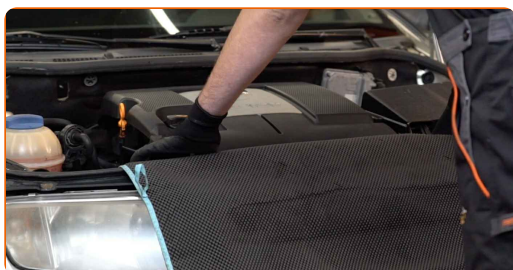
**15** Lower the car.



**16** Open the bonnet.



**17** Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.



**18** Clean the upper fastener of the suspension strut mount. Use a wire brush. Use WD-40 spray.



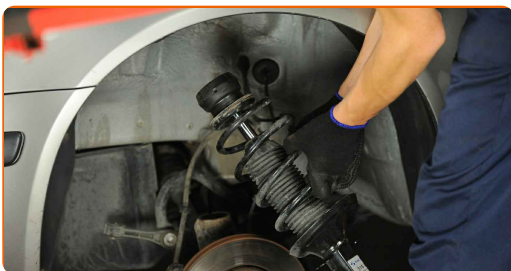
**19** Unscrew the top fasteners of the suspension strut mount. Use a drive socket #20.6. Use a ratchet wrench.



**AUTODOC recommends:**

- Skoda Octavia 1U – To avoid injury, hold the suspension strut while unscrewing the fastening bolts.

**20** Remove the suspension strut.



**21** Set the shock absorber strut on the spring compressor tool.



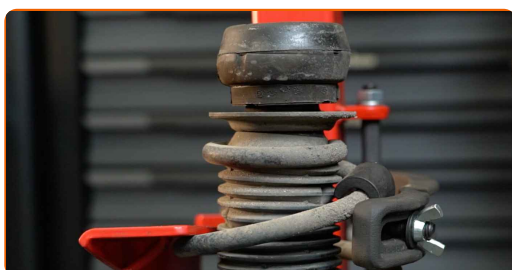


Replacement: coil springs – Skoda Octavia 1U. Tip from AUTODOC:

- Note that when using a spring compressor, spring coils need to be securely gripped, compressing the spring on the opposite sides.
- Ensure the correct position of the spring in the retainer.
- Make sure that the spring coils tightly entered the lock handles.

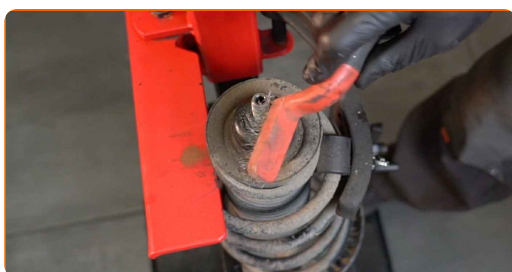
22

Compress the spring.



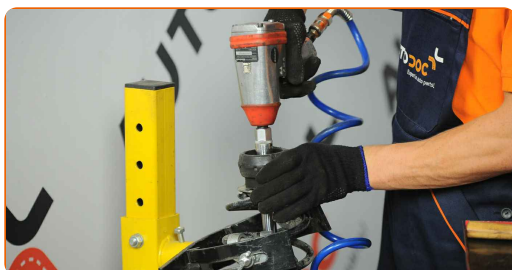
23

Treat the shock strut rod. Use a wire brush. Use WD-40 spray.



24

Remove the strut piston rod nut. Use a drive socket #20.6. Use a ratchet wrench.



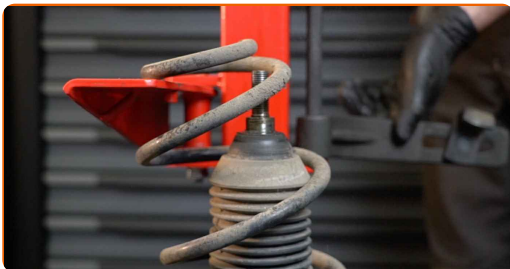
**25** Remove the top strut mount.



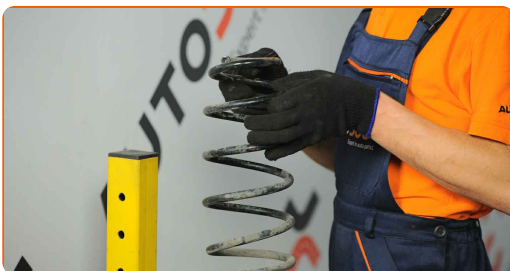
**AUTODOC recommends:**

- Replacement: coil springs – Skoda Octavia 1U. Carefully inspect the mount, the boot, and the bump stop of the shock absorber. Replace if necessary.

**26** Release the coil spring.

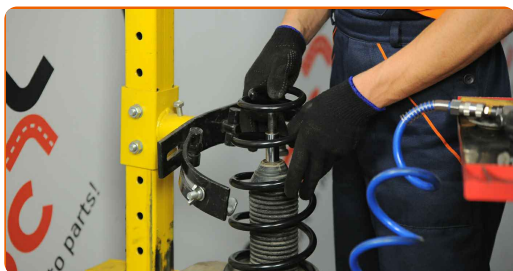


**27** Remove the spring.

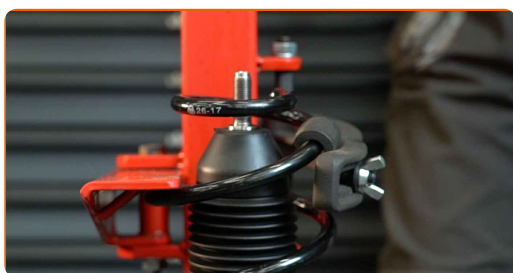


**28** Clean the coil spring mounting seats. Use a wire brush.

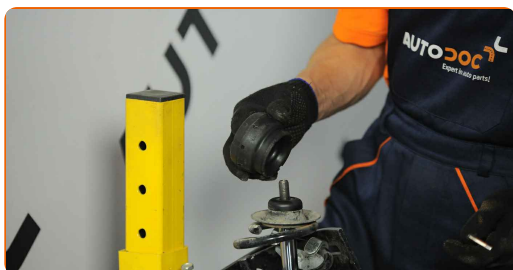
**29** Install the spring on the shock absorber.



**30** Compress the spring.



**31** Install the upper strut mount and the strut mount bearing.



**32** Tighten the shock strut piston rod nut. Use a drive socket #20.6. Use HEX No.H6. Use a torque wrench. Tighten it to 60 Nm torque.



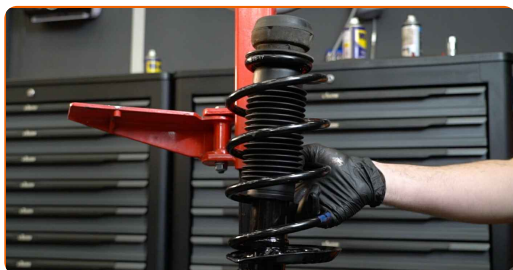
Replacement: coil springs – Skoda Octavia 1U. AUTODOC recommends:

- Check to make sure the spring is positioned correctly. Avoid its misalignment.

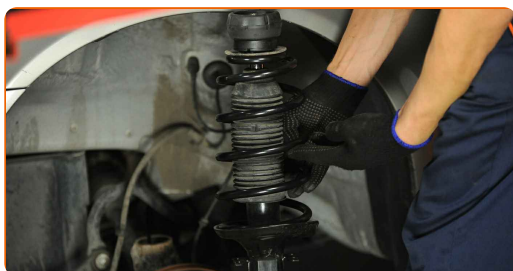
**33** Decompress the spring.

**34** Treat the shock strut rod. Use copper grease.

**35** Remove the assembled shock strut.



**36** Install the shock strut into the wheel arch.



**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. Skoda Octavia 1U

**37** Tighten the upper fastener of the shock absorber strut mount. Use a drive socket #20.6. Use a torque wrench. Tighten it to 60 Nm torque.



**38** Treat the upper fastener of the suspension strut mount. Use copper grease.

**39** Remove the fender protection cover.



**40** Close the hood.



**41** Raise the front of the car and secure on supports.



**42** Treat the mounting seats of the shock strut. Use a wire brush. Use WD-40 spray.



**43** Fix the shock absorber strut on the steering knuckle.



**44** Prop up the steering knuckle. Use a hydraulic transmission jack.



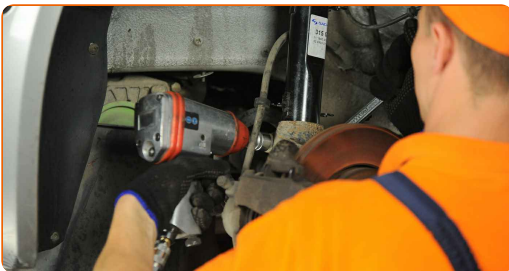
**45** Install the fastening bolt. Use a hammer.

**46** Remove the support from under the steering knuckle.

**AUTODOC recommends:**

- Replacement: coil springs – Skoda Octavia 1U. Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

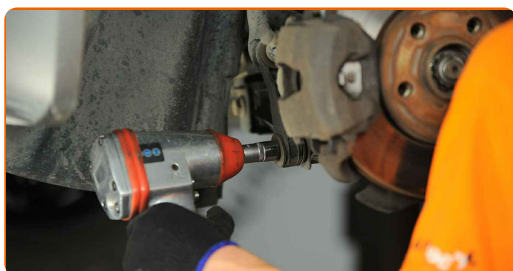
**47** Tighten the lower fasteners of the suspension strut. Use a combination spanner #18. Use a drive socket #18. Use a torque wrench. Tighten it to 60 Nm torque.+90°



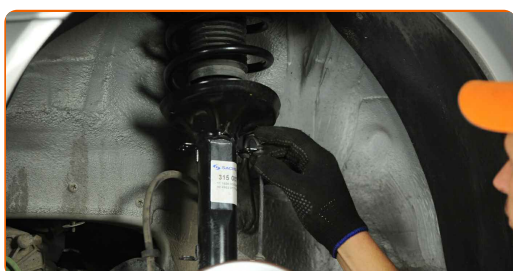
**48** Install the transverse stabilizer link.



- 49** Install the rod fastening to the stabilizer and tighten it. Use a drive socket #16. Use a torque wrench. Tighten it to 15 Nm torque. +90°



- 50** Connect the ABS sensor wiring.



- 51** Treat the surface where the brake disc contacts the wheel rim. Use high-temperature ceramic grease.



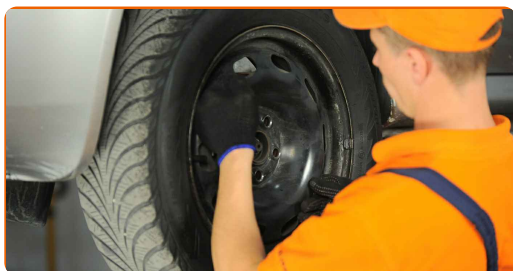
- 52** Clean the brake disk surface. Use a brake cleaner.



**AUTODOC recommends:**

- Replacement: coil springs – Skoda Octavia 1U. After applying the spray, wait a few minutes.

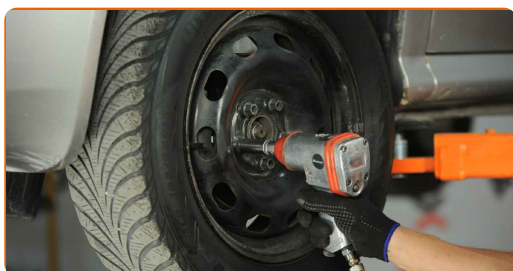
**53** Install the wheel.



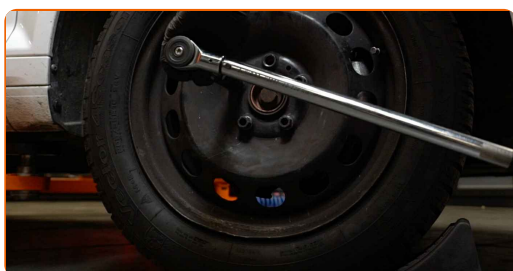
**AUTODOC recommends:**

- Important! Hold the wheel while screwing in the fastening bolts. Skoda Octavia 1U

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



**55** 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.



56

Remove the jacks and chocks.



**WELL DONE!** 

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