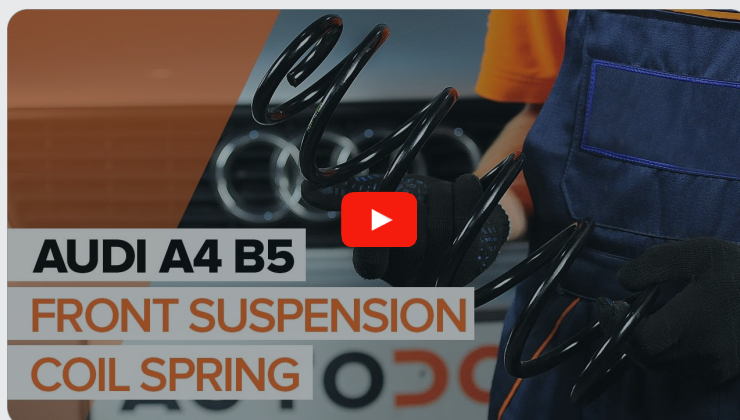




How to change front coil
springs on **SKODA**
SUPERB (3U4) –
replacement guide

SIMILAR VIDEO TUTORIAL



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

Important!

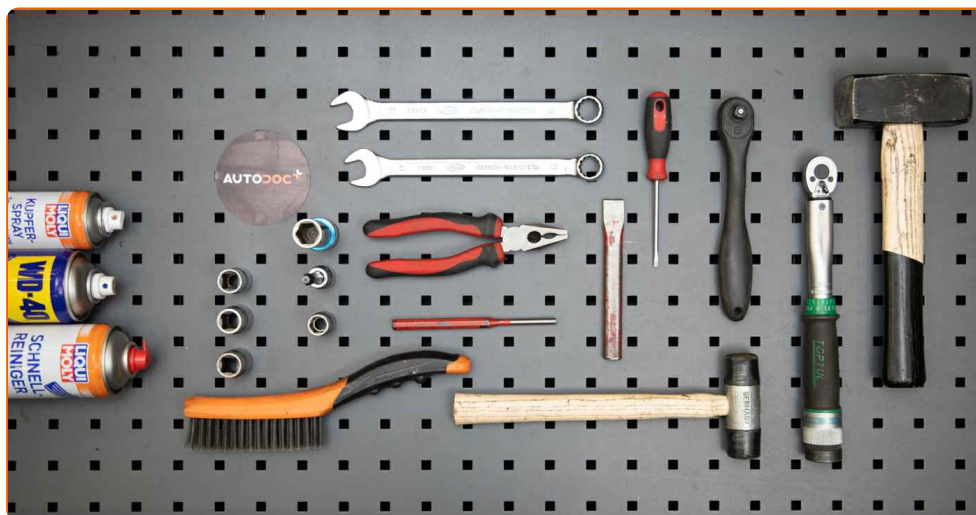
This replacement procedure can be used for:

SKODA SUPERB (3U4) 1.8 T, SKODA SUPERB (3U4) 2.0, SKODA SUPERB (3U4) 1.9 TDI

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: AUDI A4 Avant (8D5, B5) 1.8 T

REPLACEMENT: COIL SPRINGS – SKODA SUPERB (3U4). TOOLS YOU MIGHT NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- HEX bit No.H6.
- Drive socket # 13
- Drive socket # 17
- Drive socket # 18
- Drive socket # 19
- Combination spanner #17
- Combination spanner #18
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Hammer
- Pin punch
- Flat chisel
- Rubber mallet
- Flat Screwdriver
- Pliers
- Hydraulic transmission jack
- Hydraulic strut spring compressor
- Fender cover
- Wheel chock

Buy tools

Replacement: coil springs – SKODA SUPERB (3U4). AUTODOC recommends:

- 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 SUPERB (3U4). TAKE THE FOLLOWING STEPS:

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.



Replacement: coil springs – SKODA SUPERB (3U4). Tip:

- To avoid injury, hold up the wheel when unscrewing the bolts.

5

Remove the wheel.

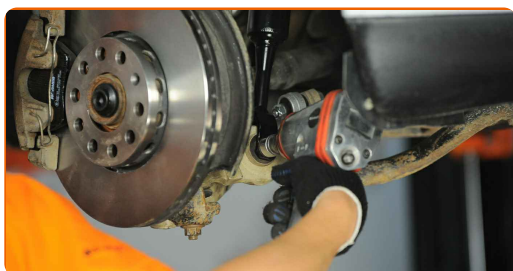


6

Clean the fastening bolt that connects the shock absorber fork with the lower control arm. Use a wire brush. Use WD-40 spray.



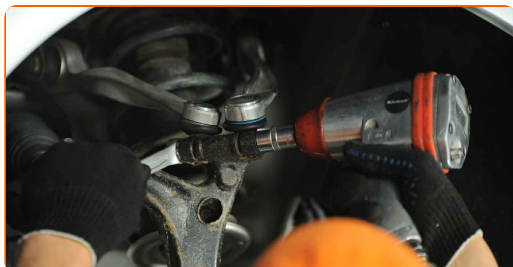
- 7 Unscrew the fastening bolt that connects the shock absorber fork with the lower control arm. Use a combination spanner #18. Use a drive socket #18. Use a ratchet wrench.



- 8 Remove the fastening bolt.



- 9 Unscrew the upper arm fastenings. Use a combination spanner #17. Use a drive socket #17. Use a ratchet wrench.



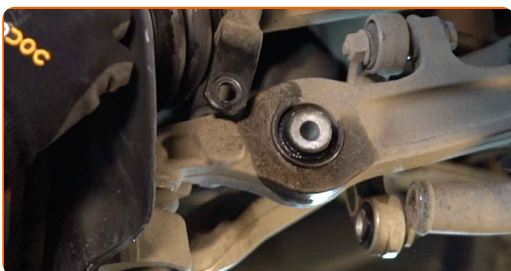
- 10 Remove the fastening bolt. Use a pin punch. Use a hammer.



11 Remove the control arms. Use a flat metal-working chisel. Use a hammer.



12 Detach the bottom part of the shock strut.

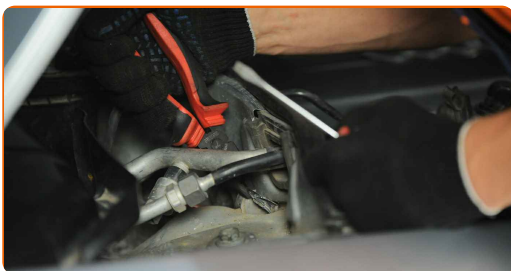


13 Lower the car.

14 Open the bonnet.

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

16 Remove the protective caps out of the shock absorber mounting fastener. Use a flat screwdriver. Use pliers.



17

Unscrew the upper fasteners of the shock strut. Use a drive socket #13. Use a ratchet wrench.



Replacement: coil springs – SKODA SUPERB (3U4). AUTODOC experts recommend:

- To avoid injuries, hold the shock strut when undoing the fastening bolts.

18

Remove the suspension strut.



19

Set the shock absorber strut on the spring compressor tool.

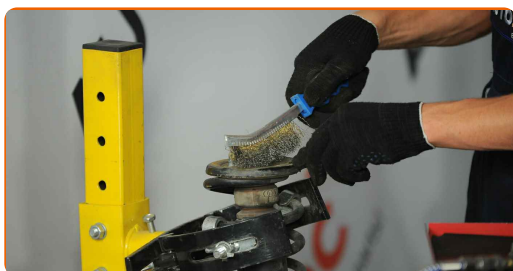


Replacement: coil springs – SKODA SUPERB (3U4). Professionals recommend:

- 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.

20 Compress the spring.

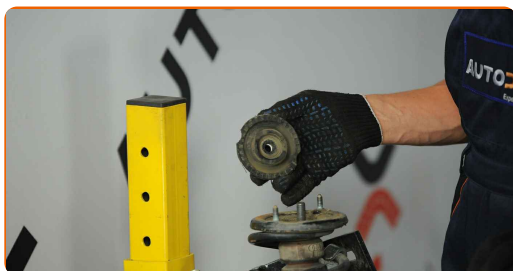
21 Treat the shock strut rod. Use a wire brush. Use WD-40 spray.



22 Remove the strut piston rod nut. Use a drive socket #19. Use a ratchet wrench.

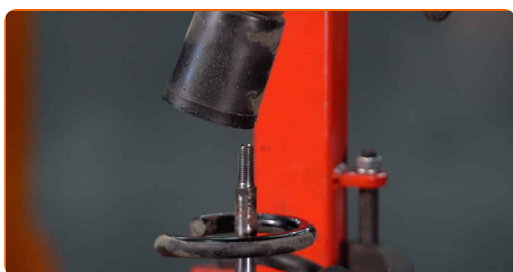


23 Remove the top strut mount.

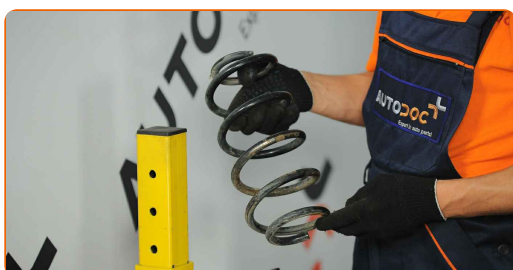


24 Release the coil spring.

25 Remove the shock absorber dust cap and the bump stop.



26 Remove the spring.



AUTODOC recommends:

- Replacement: coil springs – SKODA SUPERB (3U4). Carefully inspect the mount, the boot, and the bump stop of the shock absorber. Replace if necessary.

27 Install the spring on the shock absorber.



28 Install the dust boot and bump stop on the shock absorber.

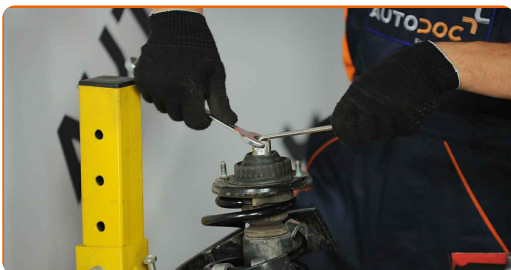
29 Compress the spring.



30 Install the upper strut mount and the strut mount bearing.



31 Tighten the shock strut piston rod nut. Use a drive socket #19. Use HEX No.H6. Use a ratchet wrench. Use a torque wrench. Tighten it to 50 Nm torque.



Replacement: coil springs – SKODA SUPERB (3U4). AUTODOC experts recommend:

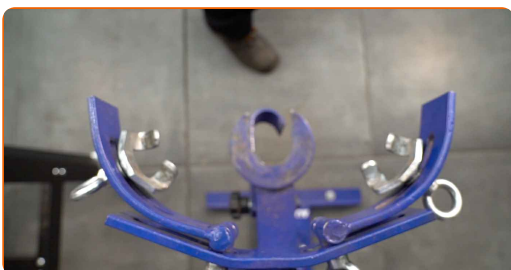
- Check to make sure the spring is positioned correctly. Avoid its misalignment.

32

Decompress the spring.

33

Remove the assembled shock strut.



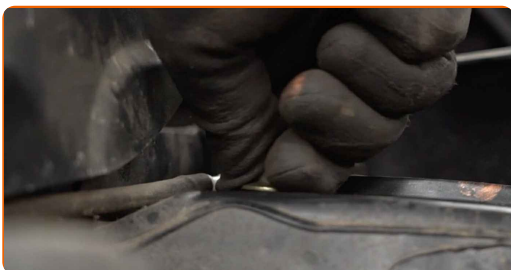
34

Install the shock strut into the wheel arch.



35

Secure the upper fasteners of the shock strut.



AUTODOC recommends:

- Important! Hold the suspension strut while screwing in the fastening bolts.
SKODA SUPERB (3U4)

36 Tighten the upper fasteners of the shock strut. Use a drive socket #13. Use a torque wrench. Tighten it to 20 Nm torque.



37 Put the protective caps onto the shock absorber mounting fastener. Use a flat screwdriver.



38 Remove the fender protection cover.

39 Close the hood.

40 Raise the front of the car and secure on supports.

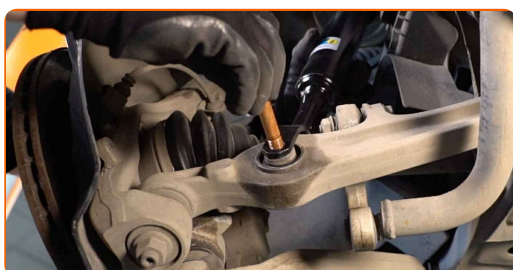
41 Prop up the steering knuckle. Use a hydraulic transmission jack.



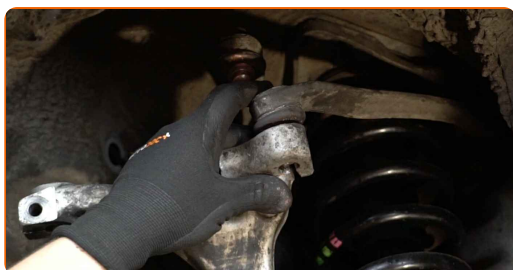
42 Attach the bottom part of the shock strut.



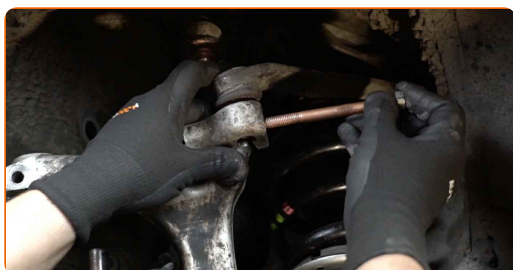
43 Install the fastening bolt. Use a pin punch. Use a hammer.



44 Install the control arms Use a rubber mallet.



45 Install the fastening bolt. Use a pin punch. Use a hammer.



46 Tighten the upper arm fastenings. Use a combination spanner #17. Use a drive socket #17. Use a torque wrench. Tighten it to 40 Nm torque.



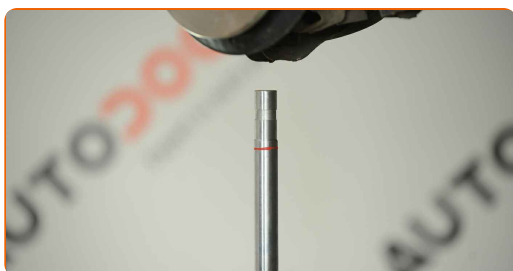
47 Raise the hydraulic transmission jack by 10-15 cm.



48 Tighten the fastening bolt that connects the shock absorber fork to the lower control arm. Use a combination spanner #18. Use a drive socket #18. Use a torque wrench. Tighten it to 90 Nm torque.



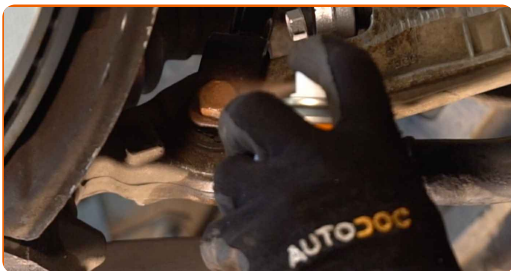
49 Remove the support from under the steering knuckle.



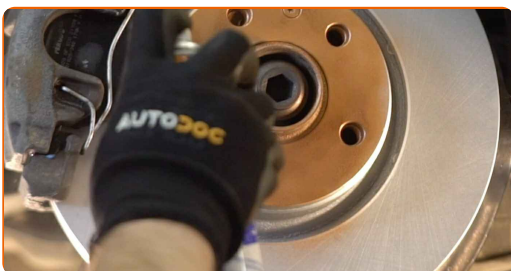
Replacement: coil springs – SKODA SUPERB (3U4). Tip from AUTODOC experts:

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

50 Treat the shock strut fasteners. Use copper grease.



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



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



AUTODOC recommends:

- Replacement: coil springs – SKODA SUPERB (3U4). After applying the spray, wait a few minutes.

53 Install the wheel.

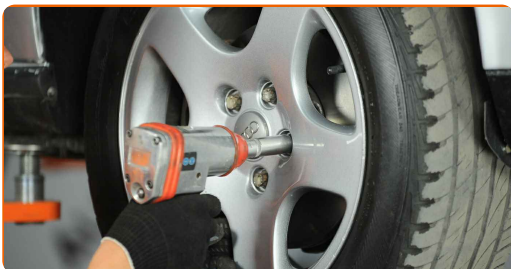


Replacement: coil springs – SKODA SUPERB (3U4). Tip:

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

54

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



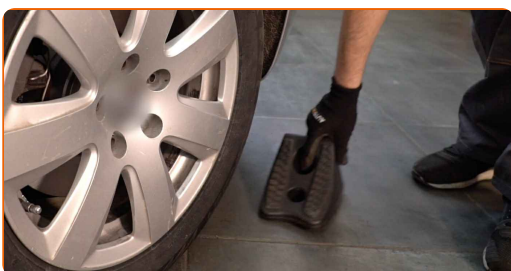
55

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! 

VIEW MORE TUTORIALS

AUTODOC – TOP QUALITY AND AFFORDABLE CAR PARTS ONLINE

AUTODOC MOBILE APP: GREAT DEALS AND CONVENIENT SHOPPING



+ AUTODOC

GET IT ON
Google Play

 Download on the
App Store

Download

A GREAT SELECTION OF SPARE PARTS FOR YOUR CAR

COIL SPRINGS: A WIDE SELECTION

DISCLAIMER:

The document contains only general recommendations that may be useful for you when you perform repair or replacement work. AUTODOC shall not be liable for any loss, injury, damage of property occurring in the repair or replacement process due to incorrect use or misinterpretation of the provided information.

AUTODOC shall not be liable for any possible mistakes and uncertainties in this guide. The information provided is for information purposes only and cannot replace advice from specialists.

AUTODOC shall not be liable for incorrect or hazardous usage of equipment, tools and car parts. AUTODOC strongly recommends to be careful and observe the safety rules when performing repair or replacement works. Remember: usage of low quality auto parts does not guarantee you the appropriate level of road safety.

© Copyright 2023 – All the contents of this website, in particular texts, photographs and graphics, are protected by copyright. All rights, including reproduction, publication, editing and translation rights, are reserved by AUTODOC SE.