



How to change front  
strut mount on **SKODA**  
**Fabia IV Hatchback**  
**(PJ3)** – replacement  
guide

## SIMILAR VIDEO TUTORIAL



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

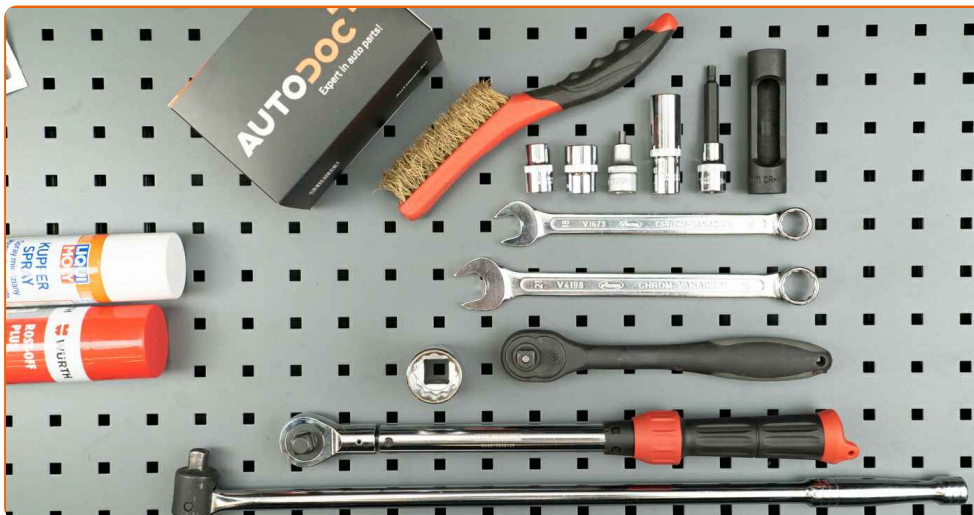
### Important!

This replacement procedure can be used for:  
SKODA Fabia IV Hatchback (PJ3) 1.5 TSI

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 A3 Hatchback (8L1) 1.8

**REPLACEMENT: STRUT MOUNT – SKODA FABIA IV HATCHBACK (PJ3). LIST OF THE TOOLS YOU'LL NEED:**



- Wire brush
- WD-40 spray
- Drive socket # 13
- Drive socket # 18
- Flare nut socket №22
- HEX bit No.H6.
- 12-point socket 1-3/16"
- Shock absorber socket
- Combination spanner #18
- Combination spanner #21
- Ratchet wrench
- Torque wrench
- Copper grease
- Wheel impact socket #17
- Hydraulic transmission jack
- Rubber mallet
- Hydraulic strut spring compressor
- Wheel chock
- Fender cover

**Buy tools**

Replacement: strut mount – SKODA Fabia IV Hatchback (PJ3). Tip from AUTODOC experts:

- The replacement procedure is identical for the mounts of the left and right shock struts of the front suspension.
- Be sure to replace all self-locking nuts and bolts during installation.
- Warning! Shut down the engine before starting any work – SKODA Fabia IV Hatchback (PJ3).

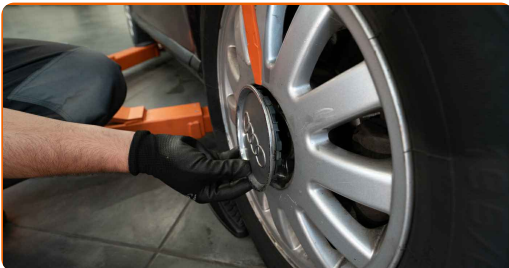
**CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:**

**1** Secure the wheels with chocks.

**2** Open the bonnet.

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

**4** Remove the wheel rim cover.



**5** Unscrew the hub lock nut. Use 1-3/16" drive 12-point socket.

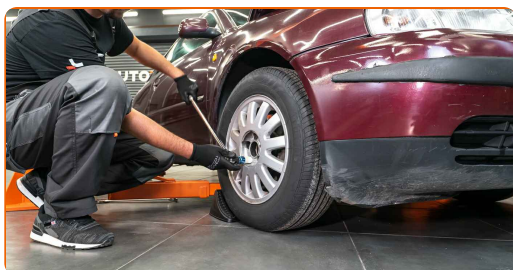


Replacement: strut mount – SKODA Fabia IV Hatchback (PJ3). Tip from AUTODOC:

- Do not unscrew the fastener by more than 90 degrees.

6

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

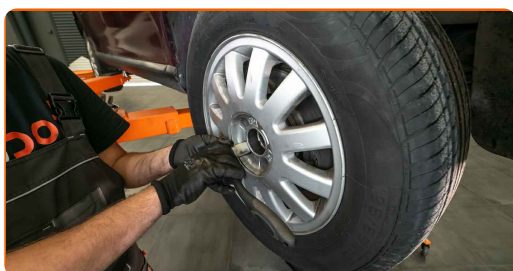


7

Raise the front of the car and secure on supports.

8

Unscrew the wheel bolts.



Replacement: strut mount – SKODA Fabia IV Hatchback (PJ3). AUTODOC recommends:

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

9

Remove the wheel.

**10** Disconnect the wiring and the brake hose from the bracket on the shock strut.



**11** Unscrew the fastener connecting the drive shaft to the wheel hub. Use 1-3/16" drive 12-point socket.



**12** Clean the fasteners connecting the shock strut to the steering knuckle. Clean the fasteners connecting the ball joint to the suspension control arm. Use a wire brush. Use WD-40 spray.

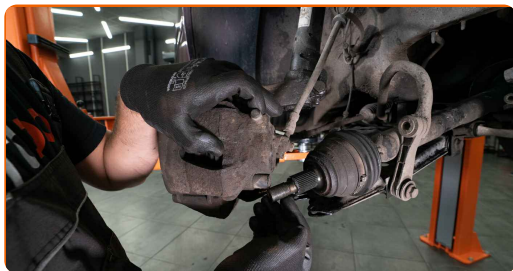


**13** Unscrew the fastener connecting the ball joint to the suspension control arm. Use a drive socket #13.



**14** Disconnect the spherical joint from the arm.

**15** Pull the drive shaft out of the steering knuckle and lifting it, tie to the body.



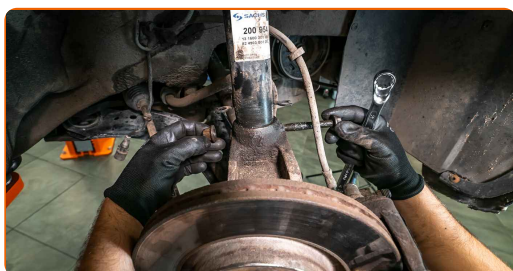
**AUTODOC recommends:**

- Make sure that the drive shaft is not unloaded (when the car is jacked).

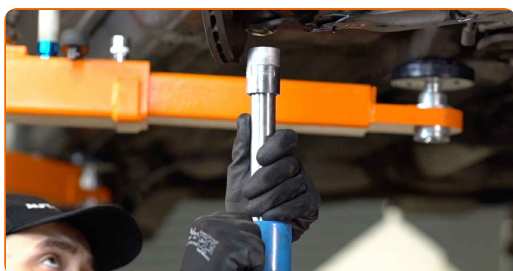
**16** Prop up the steering knuckle. Use a hydraulic transmission jack.



**17** 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.



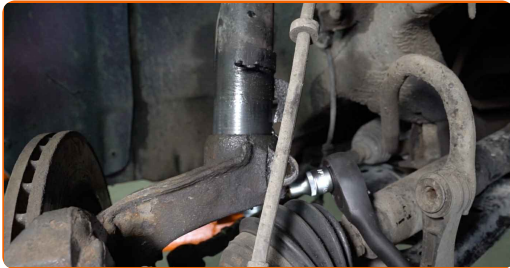
**18** Remove the support from under the steering knuckle.





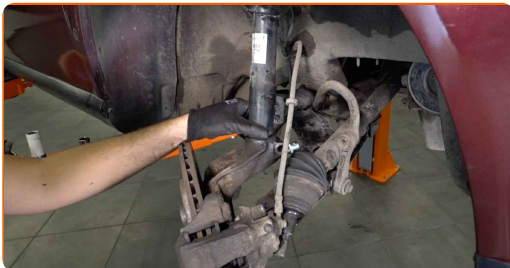
**19**

Release the lower fastener connecting the shock strut to the steering knuckle. Use a special drive socket to remove the shock absorber.



**20**

Disconnect the steering knuckle from the shock absorber strut.

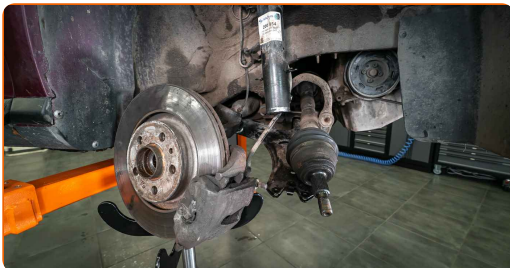


Replacement: strut mount – SKODA Fabia IV Hatchback (PJ3). AUTODOC recommends:

- If necessary, use a rubber mallet.

**21**

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



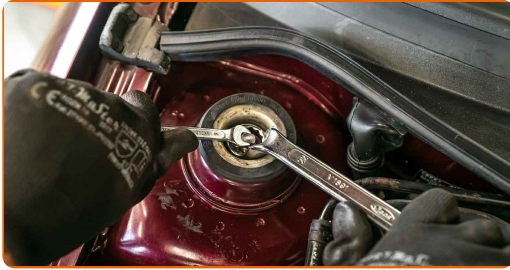
Replacement: strut mount – SKODA Fabia IV Hatchback (PJ3). Tip:

- Make sure that the steering knuckle is not released from load.



**22**

Unscrew the upper fastening of the shock absorber strut. Use a combination spanner #21. Use HEX No.H6.

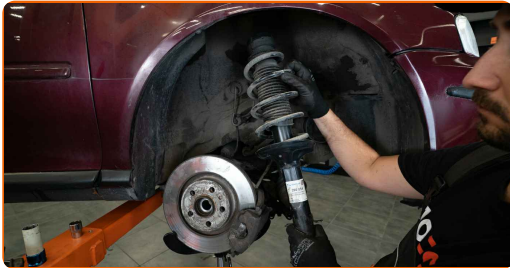


**AUTODOC recommends:**

- Important! Hold the suspension strut while unscrewing the fastening bolts.  
SKODA Fabia IV Hatchback (PJ3)

**23**

Remove the suspension strut. Set the shock absorber strut on the spring compressor tool.



**Replacement: strut mount – SKODA Fabia IV Hatchback (PJ3). 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.

**24** Compress the spring.



**25** Remove the strut piston rod nut. Use flare nut socket #22. Use HEX No.H6.

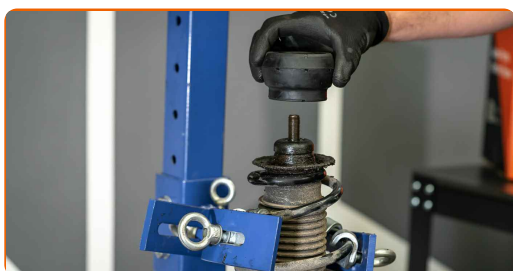


**26** Remove the shock strut mount.



**27** Clean the mounting seat of the shock strut mount. Use a wire brush.

**28** Install a new strut mount.



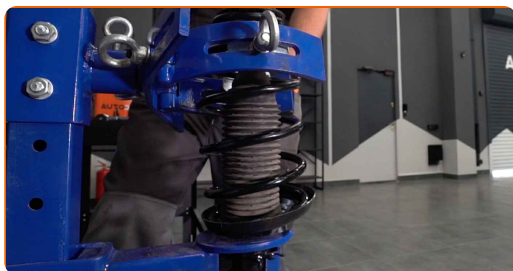
**29** Tighten the shock strut piston rod nut. Use flare nut socket #22. Use HEX No.H6. Use a torque wrench. Tighten it to 60 Nm torque.



Replacement: strut mount – SKODA Fabia IV Hatchback (PJ3). AUTODOC experts recommend:

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

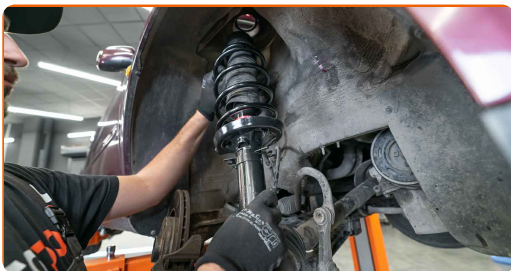
**30** Decompress the spring.



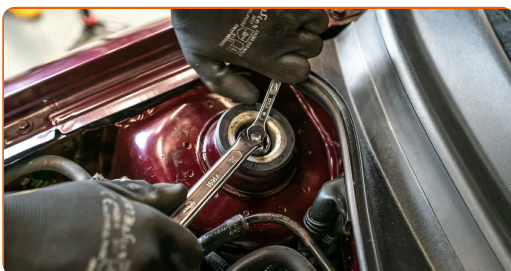
**31** Remove the assembled shock strut.



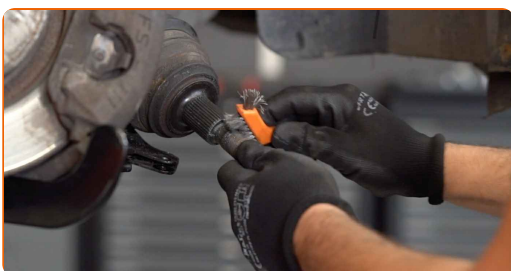
**32** Install the shock strut into the wheel arch.



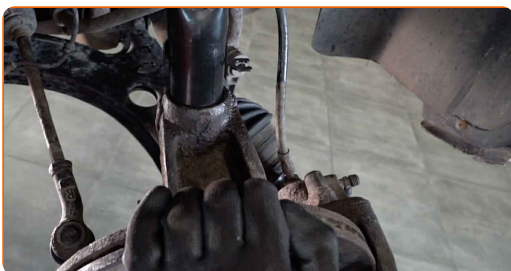
**33** Tighten the shock strut top mount.



**34** Clean the splines of the drive shaft CV joint. Use a wire brush. Treat the shock strut mounting seat on the steering knuckle. Use WD-40 spray.



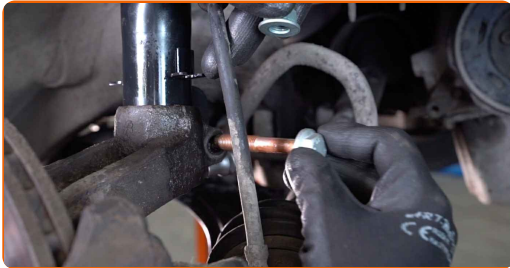
**35** Fix the shock absorber strut on the steering knuckle.



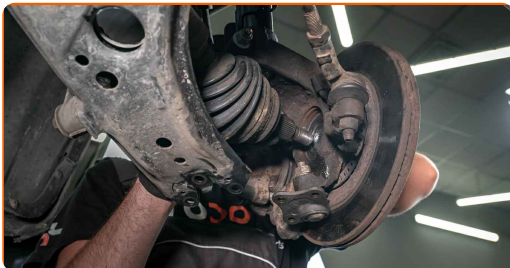
Replacement: strut mount – SKODA Fabia IV Hatchback (PJ3). Tip from AUTODOC:

- If necessary, use a rubber mallet.

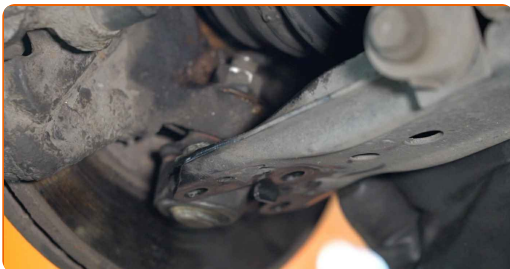
- 36** Install and tighten a new bolt of the steering knuckle. Important! Be sure to use new fasteners. Use a drive socket #18. Use a combination spanner #18. Use a torque wrench. Tighten it to 60 Nm torque.+90°



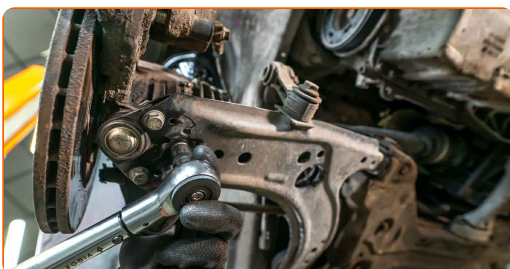
- 37** Mount the drive shaft into the wheel hub.



- 38** Attach the ball joint to the control arm.

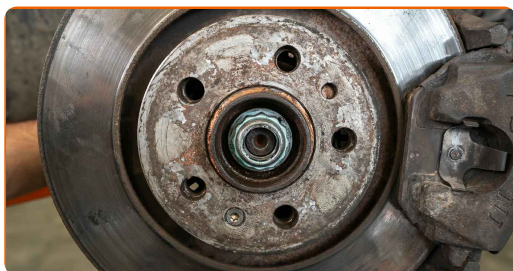


- 39** Screw in the fasteners of the ball joint lock plate (3 pieces). Important! Be sure to use new fasteners. Use a drive socket #13. Use a torque wrench. Tighten it to 20 Nm torque.+90°

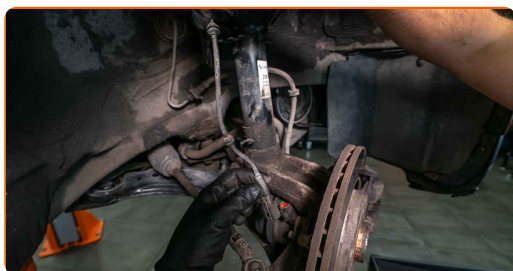




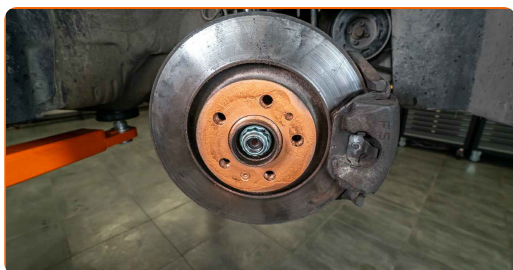
**40** Screw the nut of the drive shaft.



**41** Fasten the brake hose on the strut. Connect the fastener of the ABS sensor cable to the shock absorber strut.



**42** Clean the wheel rim mounting seat. Use a wire brush. Treat the contacting surface. Use copper grease.



**43** Install the wheel.

**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. SKODA Fabia IV Hatchback (PJ3)



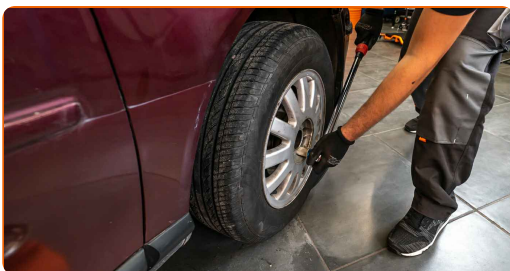
**44** Screw in the wheel bolts. Use wheel impact socket #17.



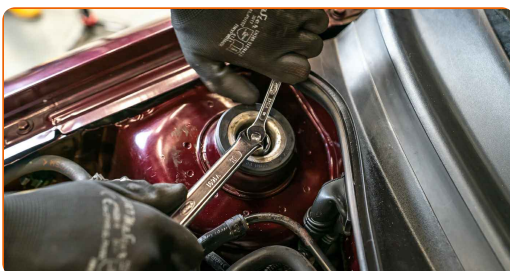
**45** Tighten the drive shaft nut. Use 1-3/16" drive 12-point socket. Use a torque wrench. Tighten it to 180 Nm torque.



**46** Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 120 Nm torque.



**47** Tighten the shock strut top mount. Use a combination spanner #21. Use HEX No.H6. Use a torque wrench. Tighten it to 60 Nm torque.



**48** Remove the fender protection cover.

**49** Close the hood.

50

Remove the jacks and chocks.

**WELL DONE!** 

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