



How to change front
strut mount on **SKODA**
FABIA (NJ3) –
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 (NJ3) 1.0 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 (NJ3).
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 (NJ3). 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 (NJ3).

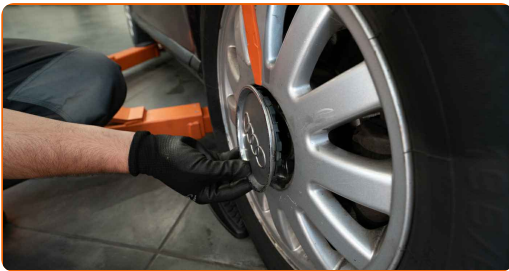
CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1 Secure the wheels with chocks.

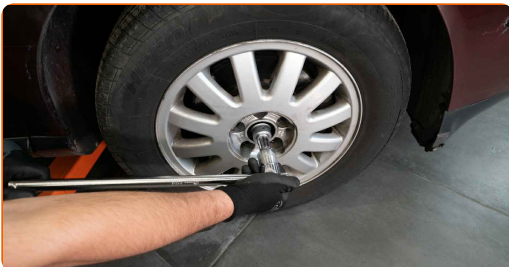
2 Open the bonnet.

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 (NJ3). Tip from AUTODOC:

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

6

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

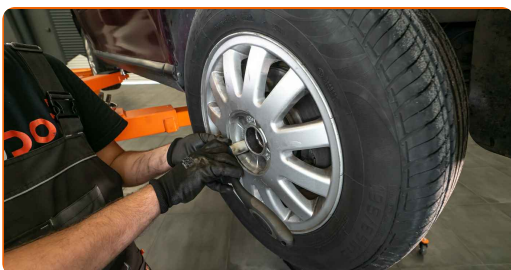


7

Raise the front of the car and secure on supports.

8

Unscrew the wheel bolts.



Replacement: strut mount – SKODA FABIA (NJ3). 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.



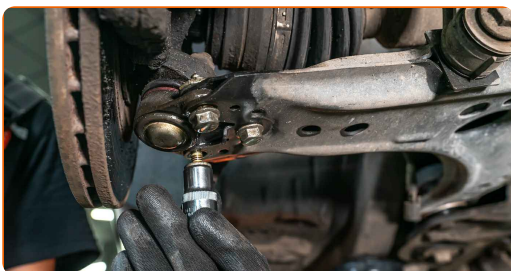
11 Unscrew the fastener connecting the drive shaft to the wheel hub. Use 1-3/16" drive 12-point socket.



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.

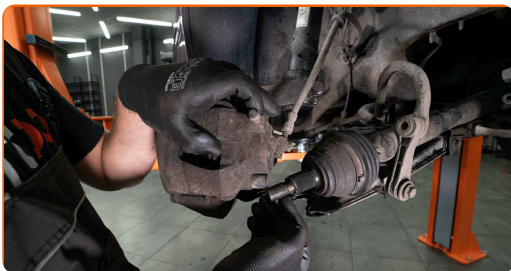


13 Unscrew the fastener connecting the ball joint to the suspension control arm. Use a drive socket #13.



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.



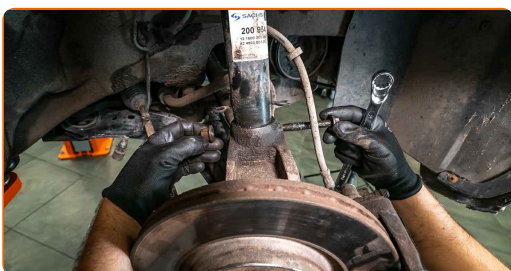
AUTODOC recommends:

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

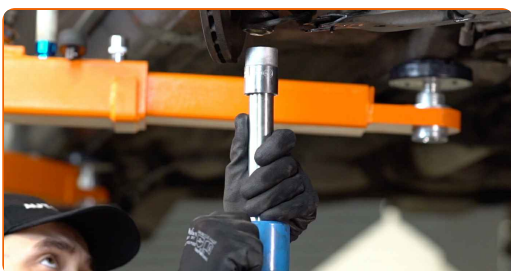
16 Prop up the steering knuckle. Use a hydraulic transmission jack.



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.



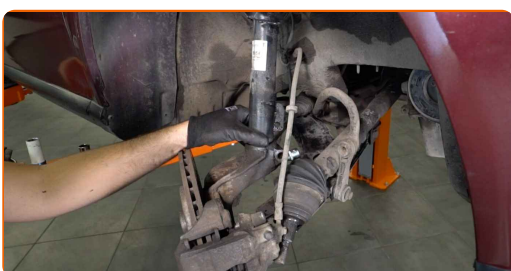
18 Remove the support from under the steering knuckle.



- 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 (NJ3). AUTODOC recommends:

- If necessary, use a rubber mallet.

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

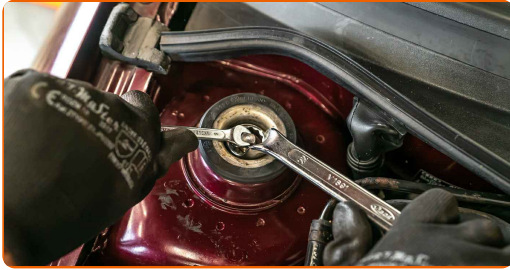


Replacement: strut mount – SKODA FABIA (NJ3). Tip:

- 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.

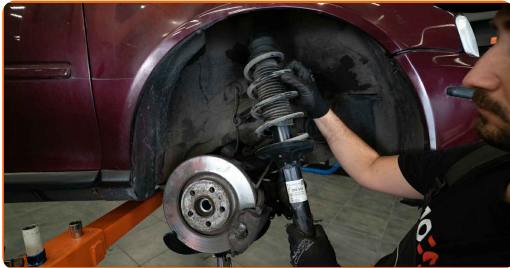


AUTODOC recommends:

- Important! Hold the suspension strut while unscrewing the fastening bolts.
SKODA FABIA (NJ3)

23

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



Replacement: strut mount – SKODA FABIA (NJ3). 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 (NJ3). 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 (NJ3). Tip from AUTODOC:

- If necessary, use a rubber mallet.

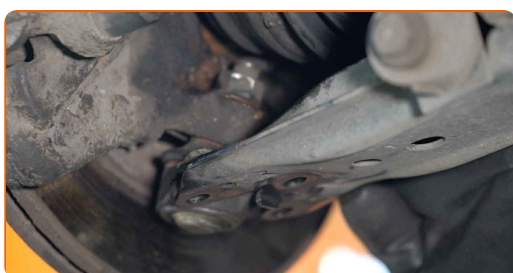
- 36** Install and tighten a new bolt of the steering knuckle. Important! Be sure to use new fasteners. Use a drive socket #18. Use a combination spanner #18. Use a torque wrench. Tighten it to 60 Nm torque.+90°



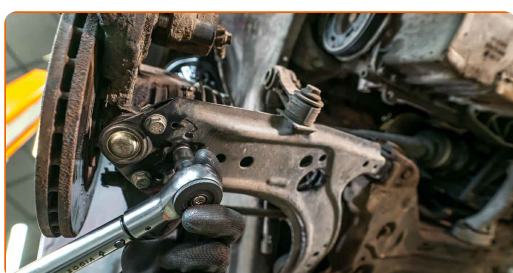
- 37** Mount the drive shaft into the wheel hub.



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



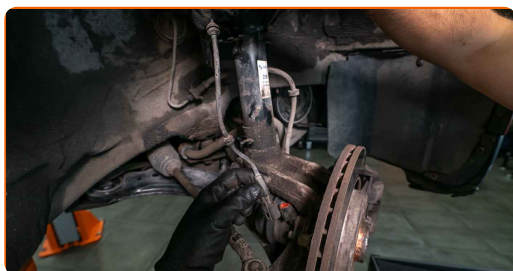
- 39** Screw in the fasteners of the ball joint lock plate (3 pieces). Important! Be sure to use new fasteners. Use a drive socket #13. Use a torque wrench. Tighten it to 20 Nm torque.+90°



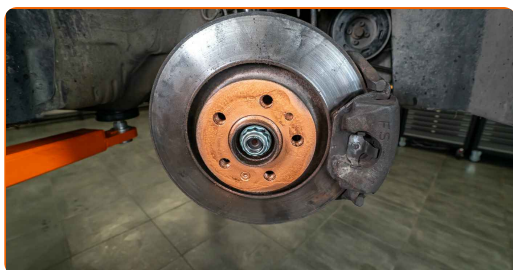
40 Screw the nut of the drive shaft.



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 (NJ3)

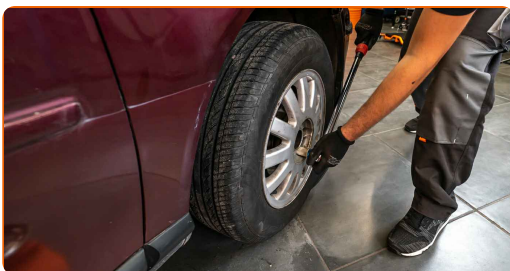
44 Screw in the wheel bolts. Use wheel impact socket #17.



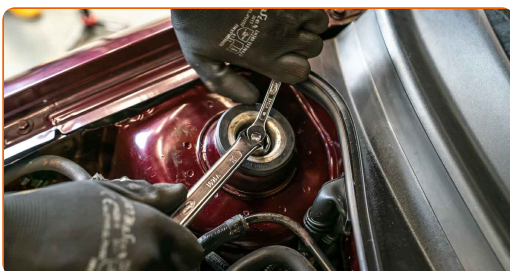
45 Tighten the drive shaft nut. Use 1-3/16" drive 12-point socket. Use a torque wrench. Tighten it to 180 Nm torque.



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! 

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

STRUT MOUNT: 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.