



How to change front
strut mount on **SEAT**
Altea XL (5P5, 5P8) –
replacement guide

SIMILAR VIDEO TUTORIAL



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

i Important!

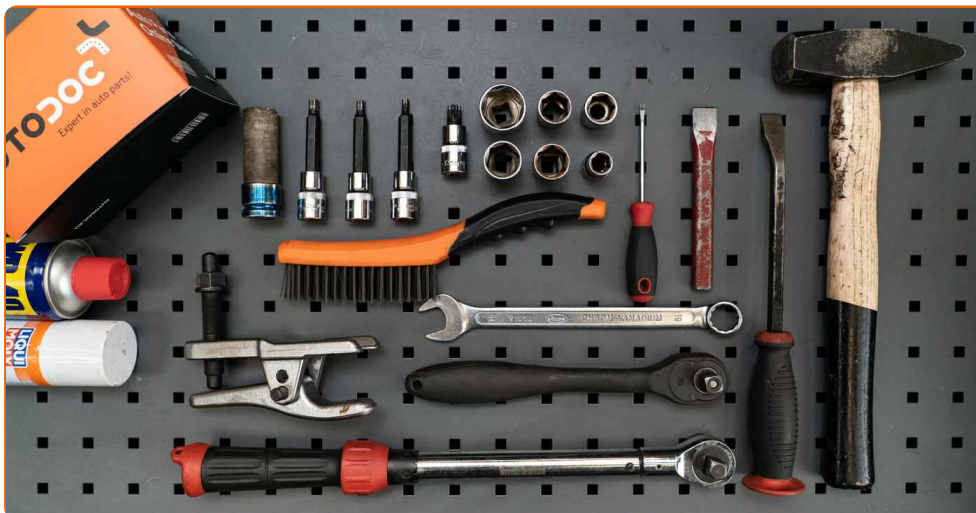
This replacement procedure can be used for:

SEAT Altea XL (5P5, 5P8) 1.6, SEAT Altea XL (5P5, 5P8) 2.0 FSI, SEAT Altea XL (5P5, 5P8) 1.9 TDI, SEAT Altea XL (5P5, 5P8) 2.0 TDI 16V, SEAT Altea XL (5P5, 5P8) 2.0 TDI, SEAT Altea XL (5P5, 5P8) 1.8 TFSI, SEAT Altea XL (5P5, 5P8) 1.4 TSI, SEAT Altea XL (5P5, 5P8) 2.0 TFSI 4x4, SEAT Altea XL (5P5, 5P8) 2.0 TDI 4x4, SEAT Altea XL (5P5, 5P8) 1.4 16V, SEAT Altea XL (5P5, 5P8) 1.6 Multifuel, SEAT Altea XL (5P5, 5P8) 1.6 TDI, SEAT Altea XL (5P5, 5P8) 1.2 TSI, SEAT Altea XL (5P5, 5P8) 1.6 LPG, SEAT Altea XL (5P5, 5P8) 2.0 TFSI, (+ 2)

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 Golf V Hatchback (1K1) 1.4 16V

REPLACEMENT: STRUT MOUNT – SEAT ALTEA XL (5P5, 5P8). TOOLS YOU NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #19
- Drive socket # 13
- Drive socket # 19
- Drive socket # 21
- Drive socket # 27
- HEX bit No.H5.
- HEX bit No.H6.
- HEX bit No.H7.
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Hammer
- Flat screwdriver
- Ball joint puller
- Hydraulic strut spring compressor
- Fender cover
- Wheel chock

Buy tools

Replacement: strut mount – SEAT Altea XL (5P5, 5P8). AUTODOC recommends:

- The replacement procedure is identical for the mounts of the left and right shock struts of the front suspension.
- All mounts of the front shock struts should be replaced simultaneously.
- Be sure to replace all self-locking nuts and bolts during installation.
- All work should be done with the engine stopped.

**REPLACEMENT: STRUT MOUNT – SEAT ALTEA XL (5P5, 5P8).
RECOMMENDED SEQUENCE OF 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.



AUTODOC recommends:

- Important! Hold the wheel while unscrewing the fastening bolts. SEAT Altea XL (5P5, 5P8)

5

Remove the wheel.

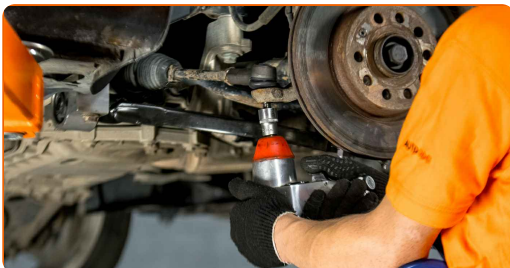


6

Clean the fastener connecting the tie rod end to the steering knuckle. Use a wire brush. Use WD-40 spray.

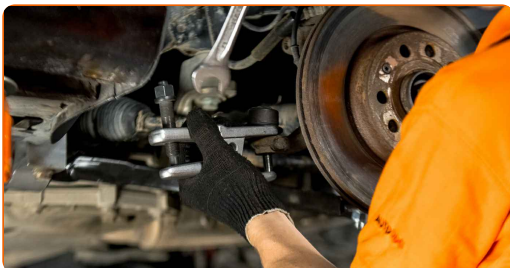
7

Unscrew the end fastening nut to the steering knuckle. Use a drive socket #19. Use a ratchet wrench.

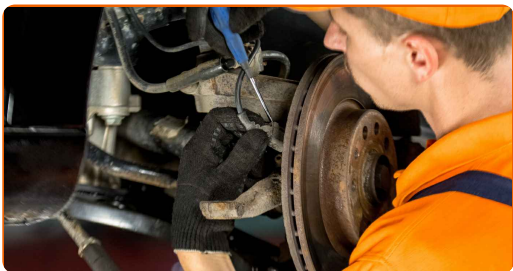


8

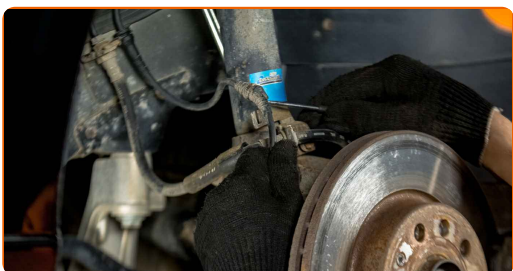
Disconnect the tie rod end from the steering knuckle. Use a ball joint puller.



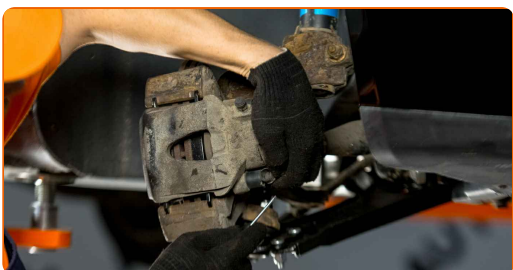
9.1 Disconnect the wiring and the brake hose from the bracket on the steering knuckle.



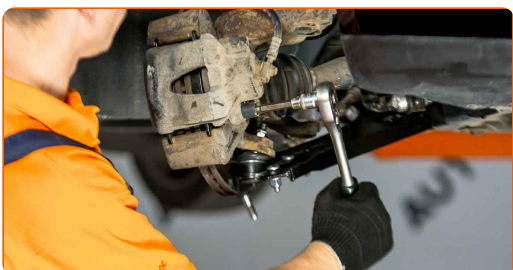
9.2 Use a flat screwdriver.



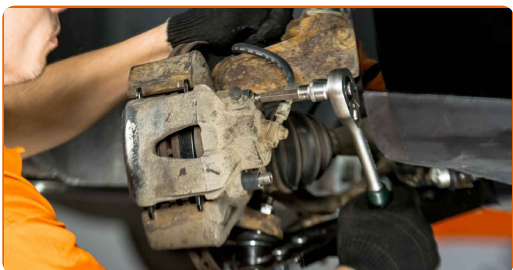
10 Remove the dust boot caps of the brake caliper guide pins. Use a flat screwdriver.



11.1 Unscrew the brake caliper fastening.

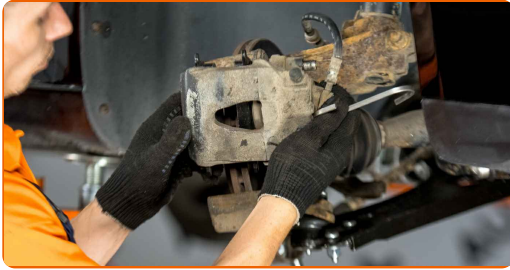


11.2 Use HEX No.H7. Use a ratchet wrench.



12

Remove the brake caliper.

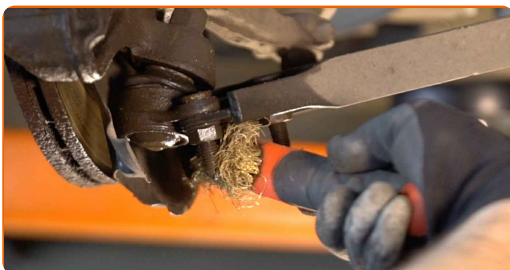


Replacement: strut mount – SEAT Altea XL (5P5, 5P8). AUTODOC experts recommend:

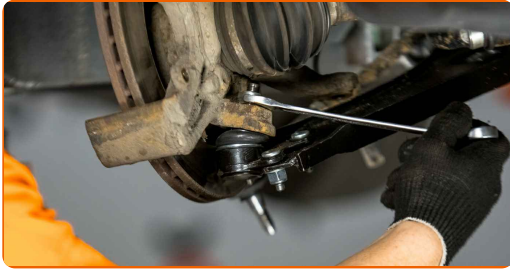
- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

13

Clean the fastener connecting the ball joint to the steering knuckle. Use a wire brush. Use WD-40 spray.



14.1 Unscrew the ball joint fastening to the steering knuckle.



14.2 Use a combination spanner #19.



15 Disconnect the lower arm from the steering knuckle. Use a hammer.

16 Unscrew the fastener connecting the drive shaft to the wheel hub. Use a drive socket #27.

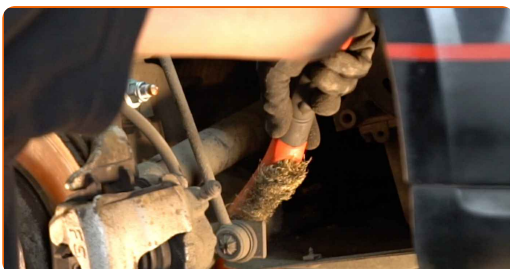


17 Disconnect the lower arm from the steering knuckle. Use a crowbar.

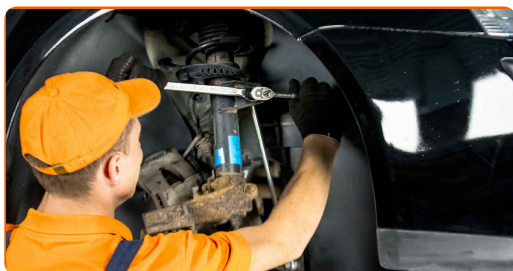
18 Remove the fastening bolt.

19 Remove the drive shaft.

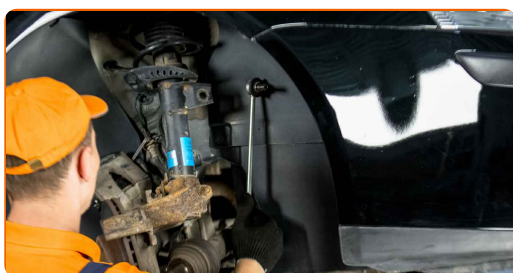
20 Clean the stabiliser link fasteners. Use a wire brush. Use WD-40 spray.



21.1 Unscrew the nut and remove the stabilizer rod from the shock strut.



21.2 Use a combination spanner #19. Use HEX No.H5. Use a ratchet wrench.



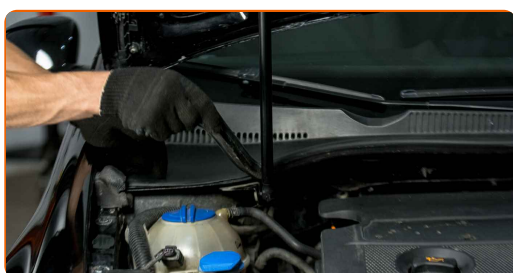
22 Lower the car.

23 Open the hood.

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

25 Remove the cowl grille seal.

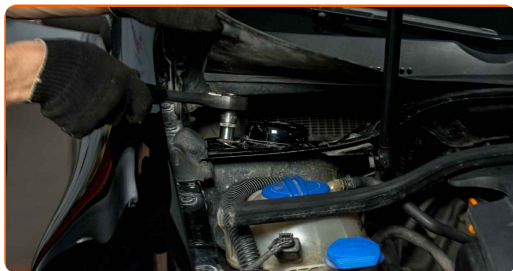
26 Raise up and remove the cowl grille.



27 Clean the fasteners of the shock strut upper mount. Use WD-40 spray.

28

Unscrew the top fastening of the shock strut mount. Use a drive socket #13. Use a ratchet wrench.

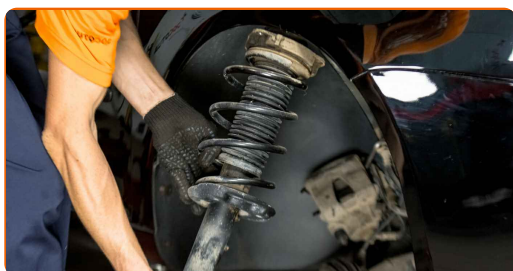


AUTODOC recommends:

- SEAT Altea XL (5P5, 5P8) – To avoid injury, hold the suspension strut while unscrewing the fastening bolts.

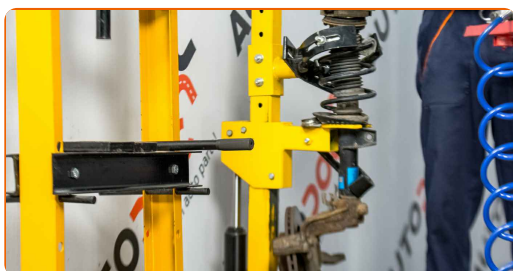
29

Remove the suspension strut.



30

Set the shock absorber strut on the spring compressor tool.



Replacement: strut mount – SEAT Altea XL (5P5, 5P8). Tip:

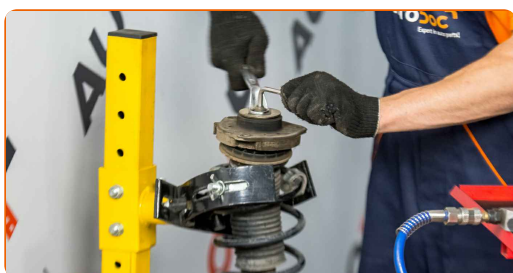
- Note that when using a spring compressor, spring coils need to be securely gripped, compressing the spring on the opposite sides.
- Ensure the correct position of the spring in the retainer.
- Make sure that the spring coils tightly entered the lock handles.

31 Compress the spring.

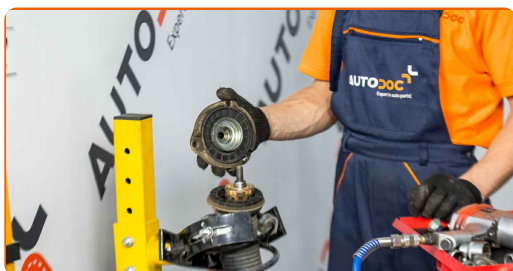
32 Treat the shock strut rod. Use a wire brush. Use WD-40 spray.



33 Remove the strut piston rod nut. Use a drive socket #21. Use HEX No.H6. Use a ratchet wrench.



34 Remove the top strut mount.



35

Clean the mounting seat of the shock strut mount. Use a wire brush. Use WD-40 spray.

Replacement: strut mount – SEAT Altea XL (5P5, 5P8). Tip from AUTODOC:

- Examine the shock absorber dust cap and the bump stop. Replace them if necessary.

36

Install a new strut mount.



37

Tighten the shock strut piston rod nut. Use HEX No.H6. Use a drive socket #21. Use a torque wrench. Tighten it to 60 Nm torque.



Replacement: strut mount – SEAT Altea XL (5P5, 5P8). Professionals recommend:

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

38 Decompress the spring.

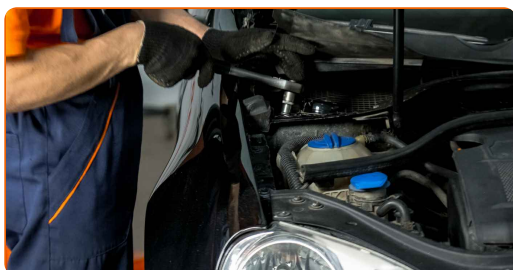


39 Remove the assembled shock strut.

40 Install the shock strut into the wheel arch.



41 Screw the top fastening of the shock strut mount. Do not tighten it.



AUTODOC recommends:

- Important! Hold the suspension strut while screwing in the fastening bolts. SEAT Altea XL (5P5, 5P8)

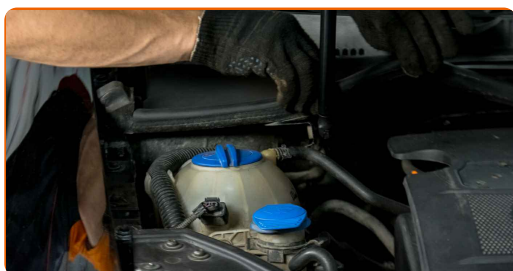
- 42 Tighten the upper fastener of the shock absorber strut mount. Use a drive socket #13. Use a torque wrench. Tighten it to 15 Nm torque.+90°



AUTODOC recommends:

- Important! Be sure to use new fasteners.

- 43 Install and secure the cowl grille.



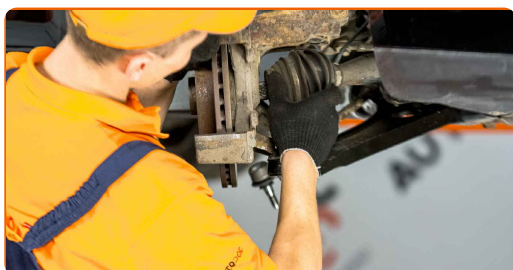
- 44 Install the cowl grille seal.

- 45 Remove the fender protection cover.

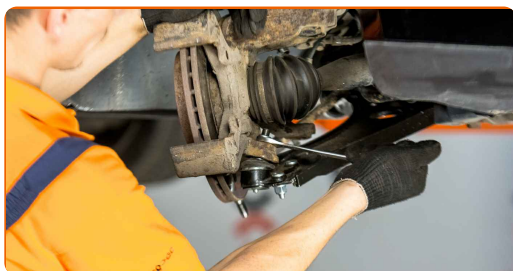
- 46 Close the hood.

- 47 Raise the front of the car and secure on supports.

- 48 Mount the drive shaft into the wheel hub.



49 Connect the lower arm to the steering knuckle.



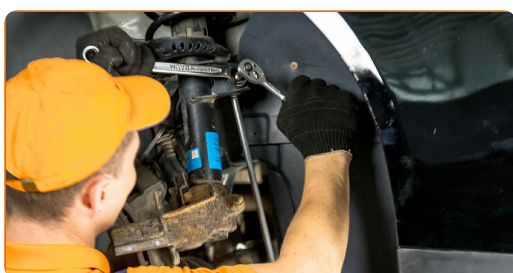
50 Tighten the ball joint fastener. Use a combination spanner #19. Use a torque wrench. Tighten it to 60 nm torque.

51 Install the fastening bolt.

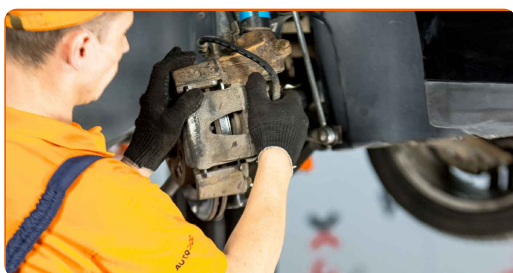
52 Tighten the bolt connecting the drive shaft to the wheel hub. Use a drive socket #27. Use a torque wrench. Tighten it to 200 Nm torque.



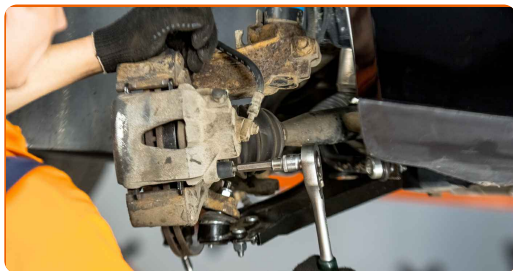
53 Install the transverse stabilizer link. Tighten the fastener connecting the stabilizer link to the shock strut. Use a drive socket #19. Use a torque wrench. Tighten it to 60 Nm torque.



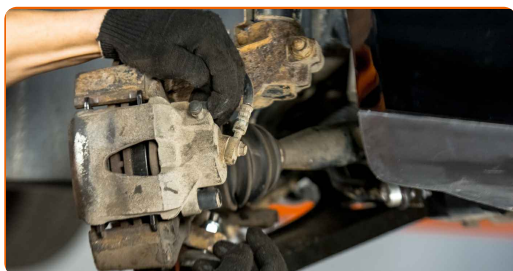
54.1 Install the brake caliper and fix it.



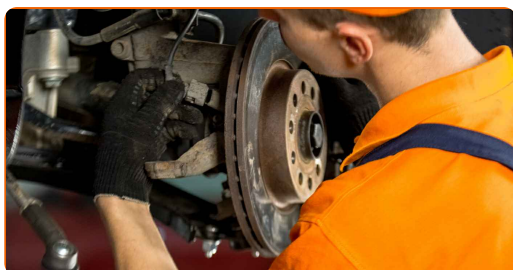
54.2 Use HEX No.H7. Use a torque wrench. Tighten it to 30 Nm torque.



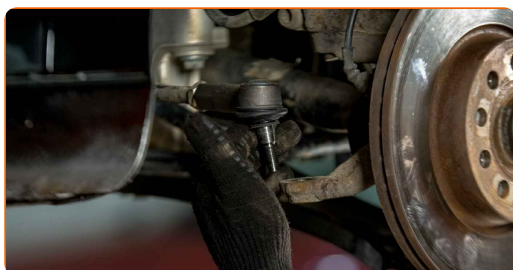
55 Install the dust boot caps of the brake caliper guide pins.



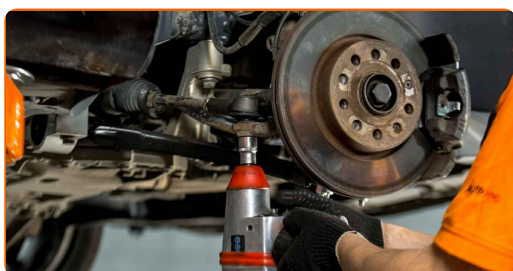
56 Connect the wiring and the brake hose to the bracket on the steering knuckle.



57 Connect the tie rod end to the steering knuckle.



58 Tighten the fastening nut connecting the tie rod end to the steering knuckle. Use a drive socket #19. Use a torque wrench. Tighten it to 20 Nm torque. +90°



AUTODOC recommends:

- Important! Be sure to use new fasteners.

59

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



60

Clean the brake disk surface. Use a brake cleaner.

AUTODOC recommends:

- Replacement: strut mount – SEAT Altea XL (5P5, 5P8). After applying the spray, wait a few minutes.

61

Install the wheel.



Replacement: strut mount – SEAT Altea XL (5P5, 5P8). Tip from AUTODOC experts:

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

62

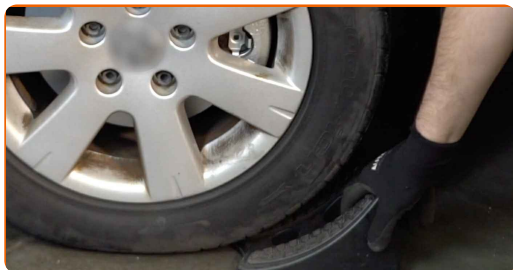
Screw in the wheel bolts. Use wheel impact socket #17.

**63**

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

64

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 2022 – 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 GmbH.