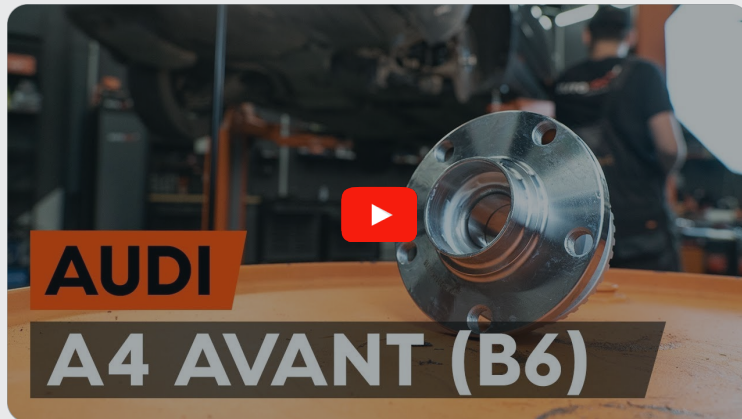




How to change rear
wheel bearing on **AUDI**
A4 Avant (8ED, B7) –
replacement guide

SIMILAR VIDEO TUTORIAL



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

i Important!

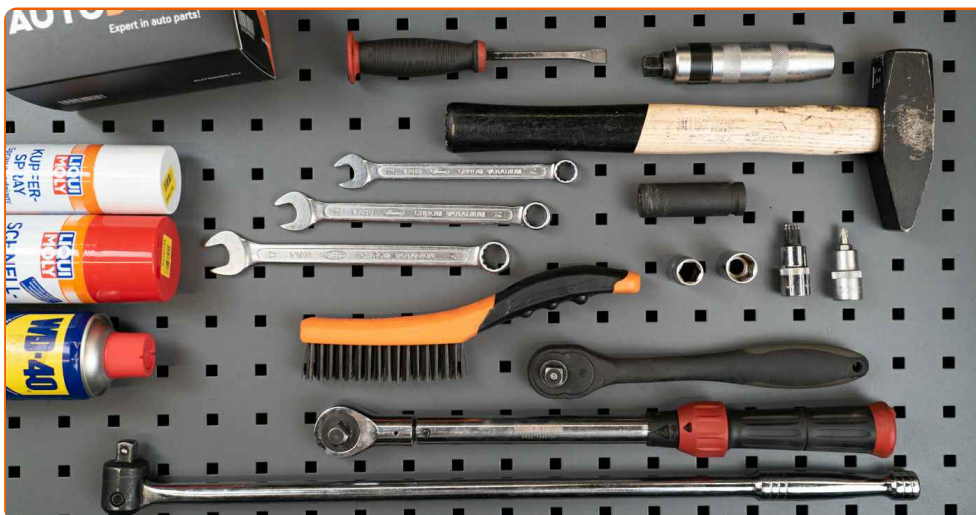
This replacement procedure can be used for:

AUDI A4 Avant (8ED, B7) 1.6, AUDI A4 Avant (8ED, B7) 2.0, AUDI A4 Avant (8ED, B7) 1.8 T, AUDI A4 Avant (8ED, B7) 2.0 TFSI, AUDI A4 Avant (8ED, B7) 3.2 FSI, AUDI A4 Avant (8ED, B7) 1.9 TDI, AUDI A4 Avant (8ED, B7) 2.0 TDI 16V, AUDI A4 Avant (8ED, B7) 2.5 TDI, AUDI A4 Avant (8ED, B7) 2.0 TDI, AUDI A4 Avant (8ED, B7) 2.7 TDI, AUDI A4 Avant (8ED, B7) 3.0, AUDI A4 Avant (8ED, B7) 2.7 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 (8E5, B6) 1.9 TDI

REPLACEMENT: WHEEL BEARING – AUDI A4 AVANT (8ED, B7). LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- All-purpose cleaning spray
- Brake cleaner
- Copper grease
- Combination spanner #13
- Combination spanner #15
- Drive socket # 13
- HEX bit no.H8.
- HEX bit no.H19.
- Wheel impact socket #17
- Brake caliper wind back tool
- Torque wrench
- Tap wrench
- Rubber mallet
- Hammer
- Crow bar
- Wheel chock

Buy tools

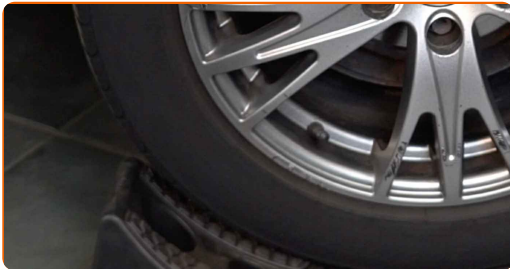
Replacement: wheel bearing – AUDI A4 Avant (8ED, B7). AUTODOC recommends:

- Do not re-use the bearing assembly of your AUDI A4 Avant (8ED, B7) car.
- The wheel hub bearing replacement procedure is identical for both wheels on the same axle.
- All work should be done with the engine stopped.

REPLACEMENT: WHEEL BEARING – AUDI A4 AVANT (8ED, B7). USE THE FOLLOWING PROCEDURE:

1

Secure the wheels with chocks.



2

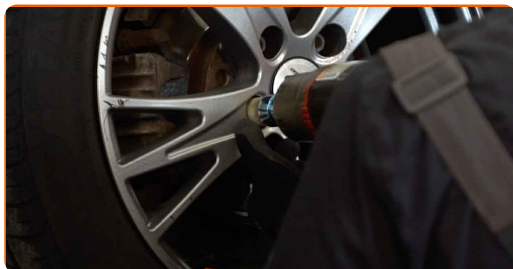
Loosen the wheel mounting bolts. Use wheel impact socket #17.



3

Raise the rear of the car and secure on supports.

4 Unscrew the wheel bolts.



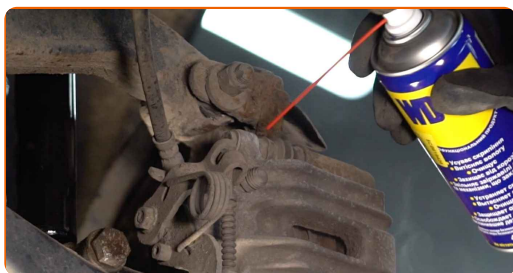
Replacement: wheel bearing – AUDI A4 Avant (8ED, B7). Tip:

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

5 Remove the wheel.



6 Clean the brake caliper fasteners. Use a wire brush. Use WD-40 spray.



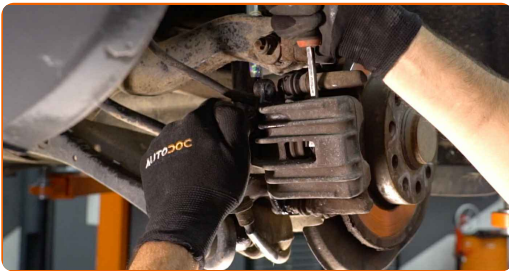
7

Unscrew the brake caliper fastening. Use a combination spanner #13. Use a combination spanner #15.



8

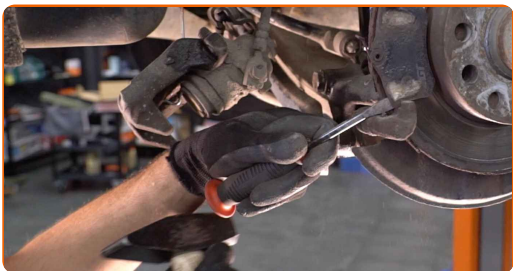
Remove the brake caliper. Use a crowbar.



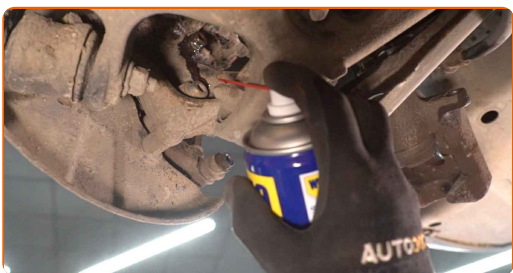
Replacement: wheel bearing – AUDI A4 Avant (8ED, B7). AUTODOC experts recommend:

- 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.

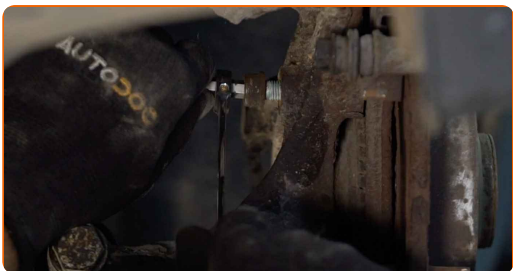
9 Remove the brake pads. Use a crowbar.



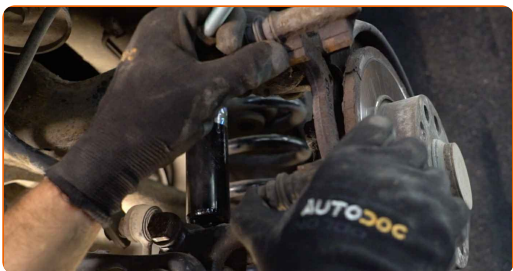
10 Clean the brake caliper bracket fasteners. Use a wire brush. Use WD-40 spray.



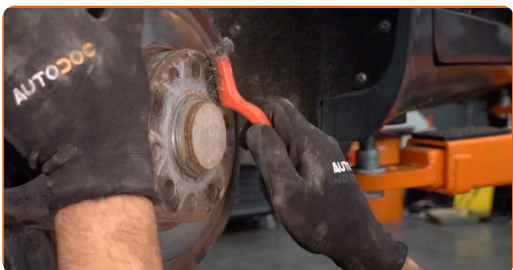
11 Unscrew the caliper bracket fastening. Use HEX No.H8.



12 Remove the caliper bracket.



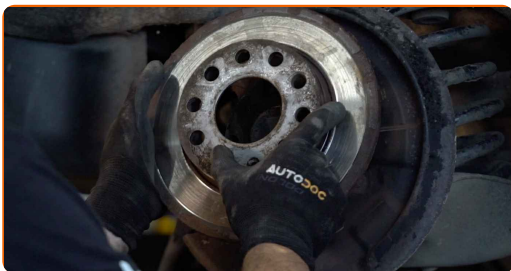
13 Clean the brake disc fasteners. Use a wire brush. Use WD-40 spray.



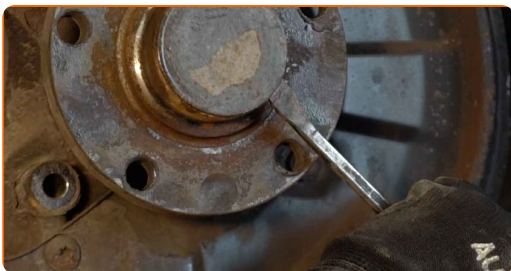
14 Remove the retaining ring. Use a crowbar.



15 Remove the brake disc.



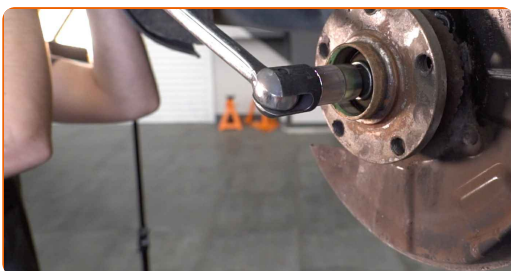
16 Remove the hub bearing protection cap. Use a hammer. Use a crowbar.



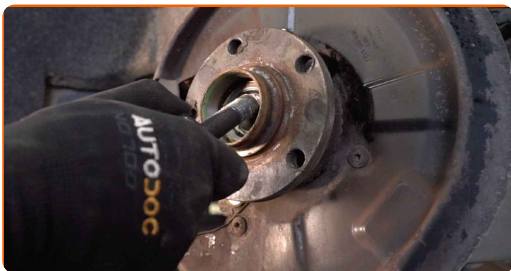
Replacement: wheel bearing – AUDI A4 Avant (8ED, B7). Tip from AUTODOC:

- Some cars are not equipped with wheel hub caps.

17 Unscrew the hub bearing mounting. Use HEX No.H19. Use a tap wrench.



18 Remove the fastening bolt.



19 Remove the hub and the bearing together, since they are a sealed unit.



20 Clean the hub bearing mounting seat. Use all-purpose cleaning spray.



21 Install the new wheel hub with a bearing.



22 Install the fastening bolt.



- 23** Tighten the fastener of the wheel hub bearing. Use HEX No.H19. Use a torque wrench. Tighten it to 200 Nm torque.+180°



Replacement: wheel bearing – AUDI A4 Avant (8ED, B7). Tip from AUTODOC experts:

- Important! Be sure to use new fasteners.
- The wheel bearing unit must not tilt on the axle pin.

- 24** Install the hub bearing protection cap. Use a rubber mallet.



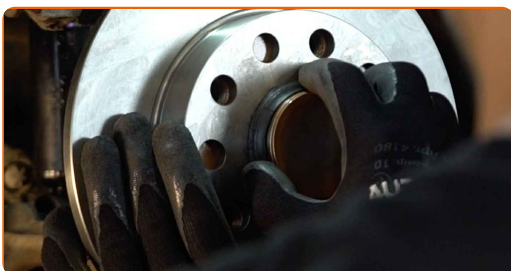
- 25** Treat the hub where it contacts the brake disk. Use copper grease.



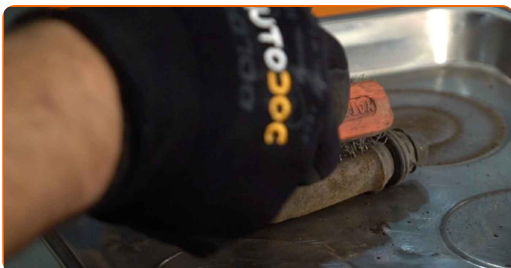
26 Install the brake disc.



27 Install the retaining ring.



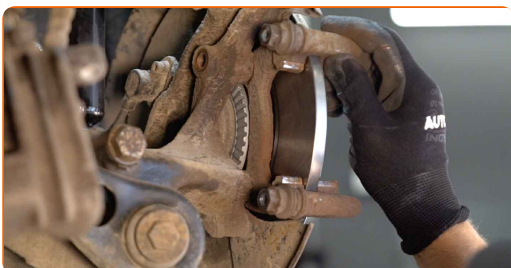
28 Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use a brake cleaner.



AUTODOC recommends:

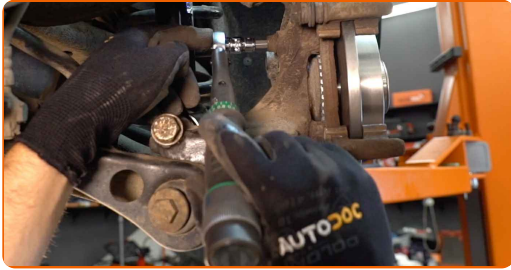
- Replacement: wheel bearing – AUDI A4 Avant (8ED, B7). After applying the spray, wait a few minutes.

29 Install the brake caliper bracket.



30

Tighten the brake caliper bracket. Use HEX No.H8. Use a torque wrench. Tighten it to 75 Nm torque.



31

Treat the brake caliper piston. Use a brake cleaner.

Replacement: wheel bearing – AUDI A4 Avant (8ED, B7). Tip from AUTODOC experts:

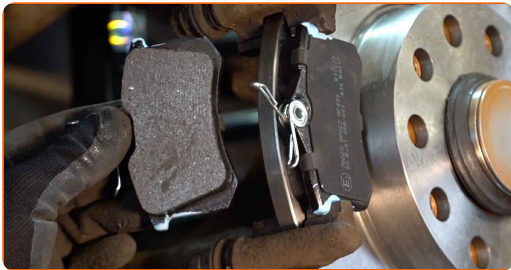
- After applying the spray, wait a few minutes.

32

Press in the brake caliper piston. Use brake caliper wind back tool.

33

Install the brake pads.



34

Install the brake caliper and fix it. Use a drive socket #13. Use a combination spanner #15. Use a torque wrench. Tighten it to 35 Nm torque.



35

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



36

Clean the brake disk surface. Use a brake cleaner.

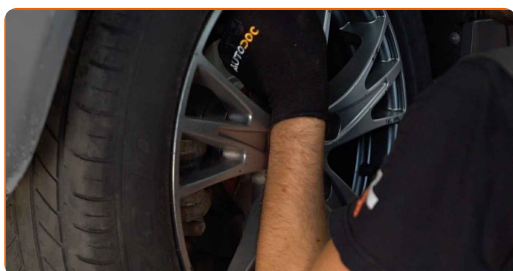


AUTODOC recommends:

- Replacement: wheel bearing – AUDI A4 Avant (8ED, B7). After applying the spray, wait a few minutes.

37

Install the wheel.



Replacement: wheel bearing – AUDI A4 Avant (8ED, B7). Tip from AUTODOC:

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

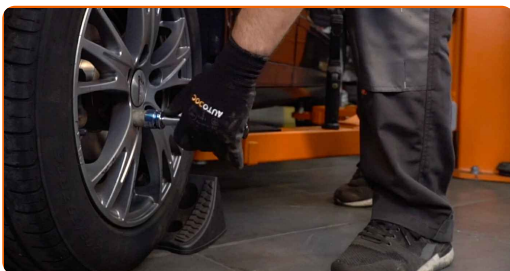
38

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



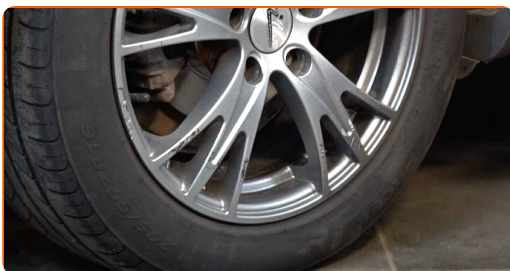
39

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



40

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

WHEEL BEARING: 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.