



How to change rear
upper arm on **AUDI A6
Avant (4G5, 4GD, C7)** –
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:

AUDI A6 Avant (4G5, 4GD, C7) 2.8 FSI, AUDI A6 Avant (4G5, 4GD, C7) 2.8 FSI quattro, AUDI A6 Avant (4G5, 4GD, C7) 3.0 TFSI quattro, AUDI A6 Avant (4G5, 4GD, C7) 2.0 TDI, AUDI A6 Avant (4G5, 4GD, C7) 3.0 TDI, AUDI A6 Avant (4G5, 4GD, C7) 3.0 TDI quattro, AUDI A6 Avant (4G5, 4GD, C7) S6 quattro, AUDI A6 Avant (4G5, 4GD, C7) 2.0 TFSI, AUDI A6 Avant (4G5, 4GD, C7) RS6 quattro, AUDI A6 Avant (4G5, 4GD, C7) 1.8 TFSI, AUDI A6 Avant (4G5, 4GD, C7) 2.0 TDI quattro, AUDI A6 Avant (4G5, 4GD, C7) 2.0 TFSI quattro, AUDI A6 Avant (4G5, 4GD, C7) RS6 performance quattro

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 Saloon (8K2, B8) 2.0 TFSI Flexfuel quattro

REPLACEMENT: REAR UPPER ARM – AUDI A6 AVANT (4G5, 4GD, C7). LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #18
- Drive socket # 18
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Hydraulic transmission jack
- Wheel chock

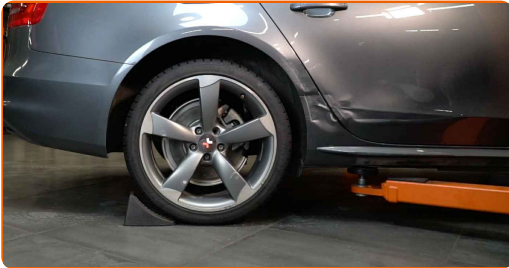
Buy tools

Replacement: rear upper arm – AUDI A6 Avant (4G5, 4GD, C7). AUTODOC recommends:

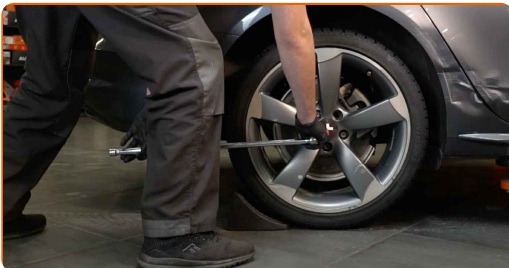
- The replacement procedure is identical for the right and left upper control arms.
- All work should be done with the engine stopped.

REPLACEMENT: REAR UPPER ARM – AUDI A6 AVANT (4G5, 4GD, C7). RECOMMENDED SEQUENCE OF STEPS:

1 Secure the wheels with chocks.

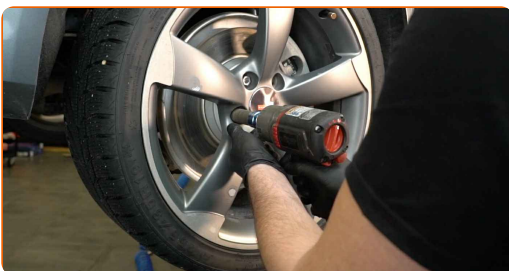


2 Loosen the wheel mounting bolts. Use wheel impact socket #17.



3 Raise the rear of the car and secure on supports.

4 Unscrew the wheel bolts.



Replacement: rear upper arm – AUDI A6 Avant (4G5, 4GD, C7). Tip:

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

5 Remove the wheel.



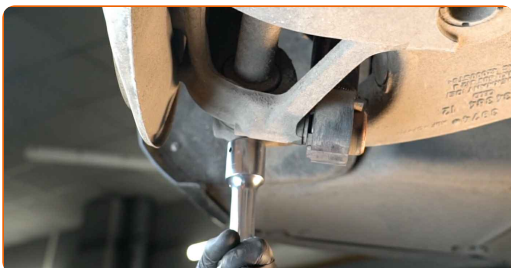
6 Clean all joints of the arm. Use a wire brush. Use WD-40 spray.



7 Make a mark on the camber adjustment bolt.



8 Support the arm. Use a hydraulic transmission jack.



9 Unscrew the arm fastening from the subframe. Use a combination spanner #18. Use a drive socket #18. Use a ratchet wrench.



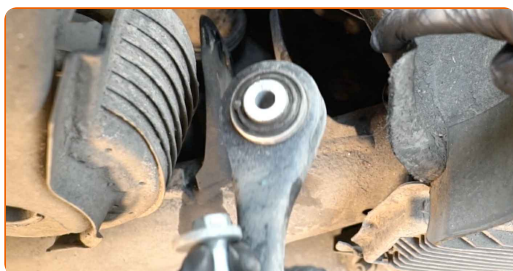
10 Unscrew the fastener connecting the control arm to the rear knuckle. Use a drive socket #18. Use a ratchet wrench.



11 Remove the fastening bolts.

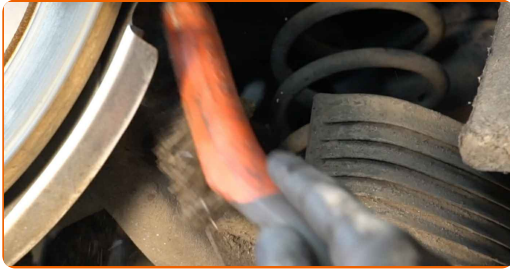


12 Remove the rear upper arm.



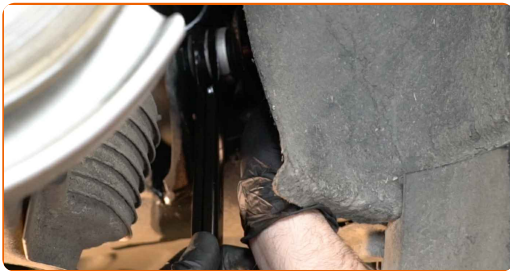
13

Clean the mounting seats and the thread of the suspension arm. Use a wire brush. Use WD-40 spray.



14

Mount the rear upper arm.



Replacement: rear upper arm – AUDI A6 Avant (4G5, 4GD, C7). AUTODOC experts recommend:

- During the installation process, use only new bolts and nuts.
- Do not damage the ball joint cover.

15

Install the fastening bolts.



- 16** Screw in the fastener that connects the control arm to the rear knuckle. Use a drive socket #18. Use a ratchet wrench.



- 17** Screw the fastener connecting the control arm to the subframe. Use a combination spanner #18. Use a drive socket #18. Use a ratchet wrench.



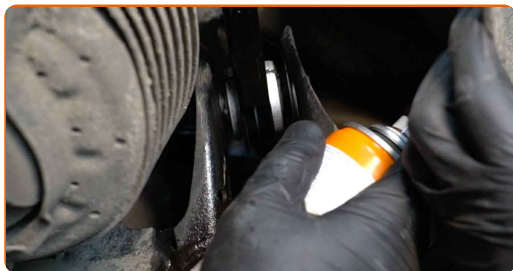
- 18** Tighten the arm fastening to the subframe. Use a drive socket #18. Use a torque wrench. Tighten it to 70 Nm torque. +180°



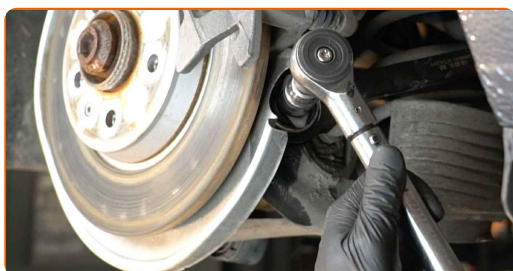
AUTODOC recommends:

- Important! Be sure to use new fasteners.

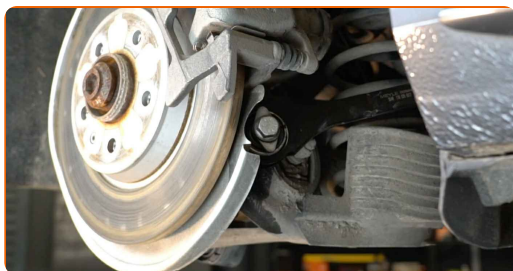
19 Treat all joints of the arm. Use copper grease.



20 Tighten the fastener connecting the suspension arm to the rear knuckle. Use a drive socket #18. Use a torque wrench. Tighten it to 95 Nm torque.



21 Treat all joints of the arm. Use copper grease.



22 Remove the support from under the arm.

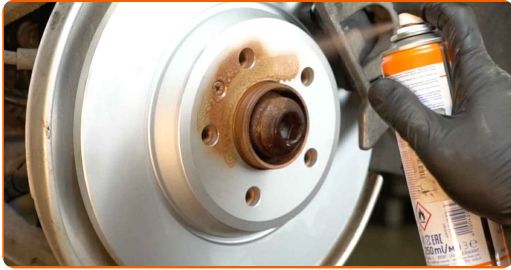


AUTODOC recommends:

- Replacement: rear upper arm – AUDI A6 Avant (4G5, 4GD, C7). Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

23

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



24

Clean the brake disk surface. Use a brake cleaner.

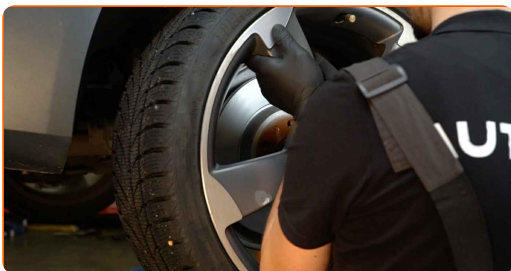


Replacement: rear upper arm – AUDI A6 Avant (4G5, 4GD, C7). Professionals recommend:

- After applying the spray, wait a few minutes.

25

Install the wheel.



AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts. AUDI A6 Avant (4G5, 4GD, C7)

26

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



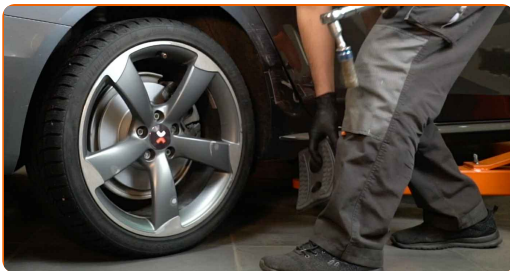
27

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.



28

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

CONTROL ARM: 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.