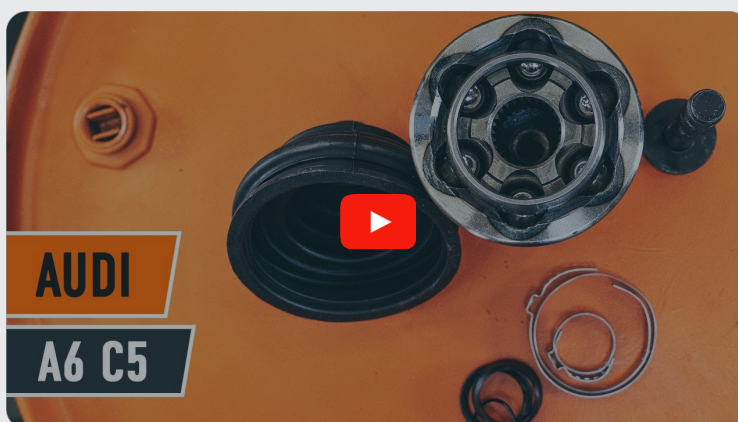




How to change CV joint
on **AUDI A4 Avant (8D5,
B5)** – replacement guide

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 A4 Avant (8D5, B5) 1.6, AUDI A4 Avant (8D5, B5) 1.8, AUDI A4 Avant (8D5, B5) 1.8 T, AUDI A4 Avant (8D5, B5) 1.8 quattro, AUDI A4 Avant (8D5, B5) 2.6 quattro, AUDI A4 Avant (8D5, B5) 2.8 quattro, AUDI A4 Avant (8D5, B5) 2.8, AUDI A4 Avant (8D5, B5) 1.9 TDI quattro, AUDI A4 Avant (8D5, B5) 2.4, AUDI A4 Avant (8D5, B5) 2.4 quattro, AUDI A4 Avant (8D5, B5) 2.5 TDI quattro, AUDI A4 Avant (8D5, B5) 1.8 T 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 A6 Avant (4B5, C5) 2.4

**REPLACEMENT: CV JOINT – AUDI A4 AVANT (8D5, B5).
TOOLS YOU MIGHT NEED:**



- Wire brush
- WD-40 spray
- All-purpose cleaning spray
- Brake cleaner
- Copper grease
- Torque wrench
- Combination spanner #13
- Drive socket # 16
- Drive socket # 17
- Drive socket # 27
- HEX bit No.H8
- Wheel impact socket #17
- Ratchet wrench
- Bush and bearing driver set
- Flat screwdriver
- Tap wrench
- Pin punch
- Clic-R collar pliers
- Hammer
- Crow bar
- Hydraulic transmission jack
- Wheel chock

Buy tools

Replacement: CV joint – AUDI A4 Avant (8D5, B5). AUTODOC experts recommend:

- The CV joint replacement procedure is identical for the left and right CV axles.
- Replace the CV joints of CV axles in pairs.
- Please note: all work on the car – AUDI A4 Avant (8D5, B5) – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

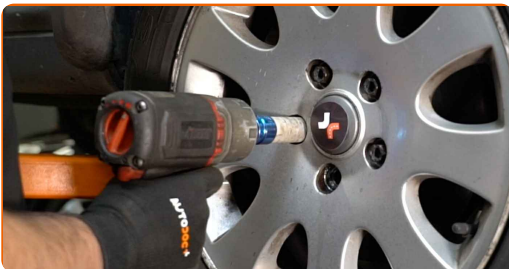
1 Secure the wheels with chocks.

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:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.
AUDI A4 Avant (8D5, B5)

5

Remove the wheel.



6

Loosen the fastener of the driveshaft. Use a drive socket #27. Use a ratchet wrench.



7

Spread the brake pads. Use a crowbar.



8

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



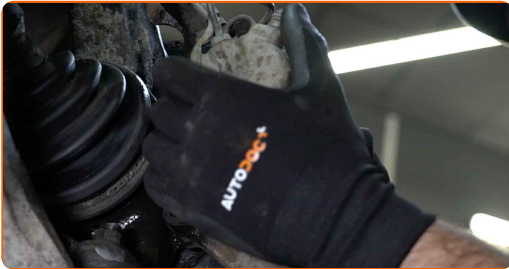
9

Unscrew the caliper bracket fastening. Use a drive socket #17. Use a ratchet wrench. Use a tap wrench.



10

Remove the brake caliper together with its bracket.



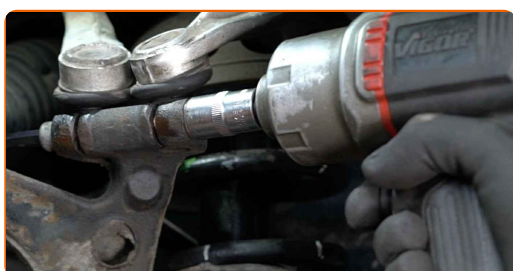
Replacement: CV joint – AUDI A4 Avant (8D5, B5). Tip:

- 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.

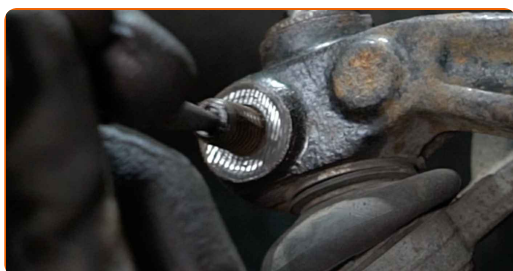
- 11** Clean all joints of the arm. Clean the fastener connecting the tie rod end to the steering knuckle. Use a wire brush. Use WD-40 spray.



- 12** Unscrew the upper arm fastenings. Use a drive socket #16. Use HEX No.H8. Use a ratchet wrench.



- 13** Remove the fastening bolt.



- 14** Loosen the tie rod end fastening bolt. Use a drive socket #13. Use a ratchet wrench.



15 Remove the fastening bolt. Use a pin punch. Use a hammer.



16 Loosen the tie rod end fastening bolt. Use a combination spanner #13.

17 Remove the fastening bolt.

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



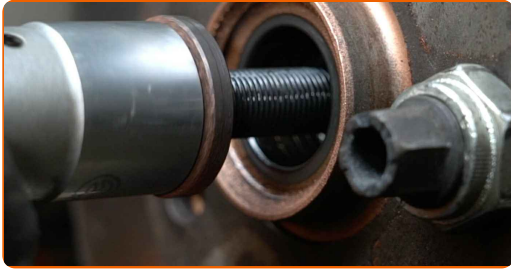
19 Remove the control arms. Use a crowbar.



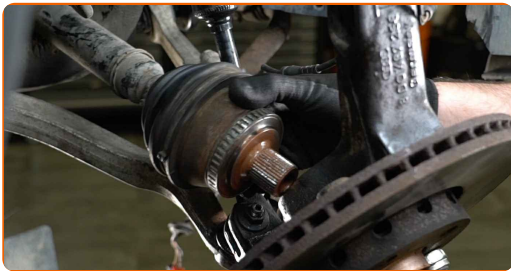
20 Disconnect the tie rod end from the steering knuckle.



21 Remove the fastening bolt. Use a drive socket #27.



22 Detach the driveshaft from the steering knuckle.



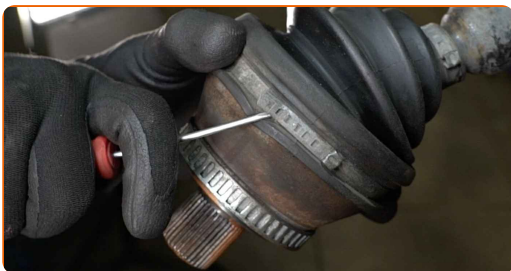
Replacement: CV joint – AUDI A4 Avant (8D5, B5). Tip from AUTODOC experts:

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

23 Clean the clamps of the CV joint boot. Use a wire brush. Use WD-40 spray.



24 Detach the clamps of the CV joint boot. Use a flat screwdriver.



25 Install and tighten the drive shaft bolt. Use a drive socket #27. Use a ratchet wrench.



26 Unscrew the fastener connecting the drive shaft to the wheel hub.



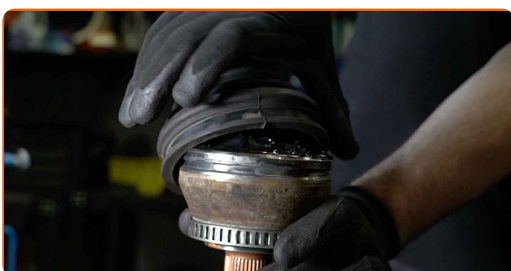
27 Remove the fastening bolt.



28 Remove the CV joint together with its boot.



29 Detach the CV joint boot.



30 Clean the CV joint mounting seat. Use all-purpose cleaning spray.



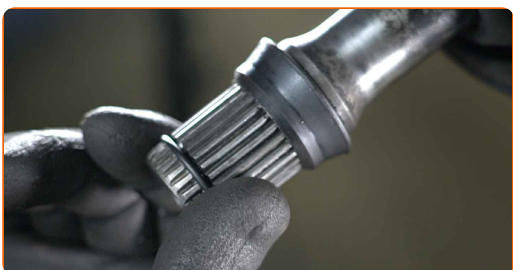
31 Remove the CV joint circlip. Use a flat screwdriver.



32 Install the CV joint boot on the CV axle. Use a flat screwdriver.



33 Install the CV joint circlip.



34 Pack the CV joint with the grease supplied in the kit.



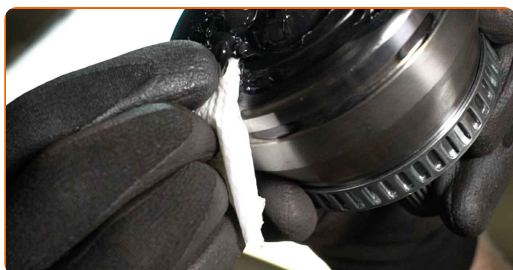
35 Install the new CV joint. Use a bush and bearing driver set. Use a hammer.



36 Move the inner race of the new CV joint from side to side to get it ready to work.



37 Clean the splines of the drive shaft CV joint. Use all-purpose cleaning spray.



38 Install the boot on the CV joint.

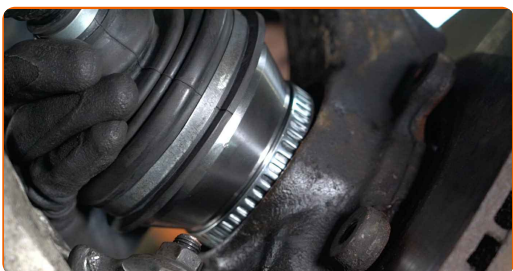


39

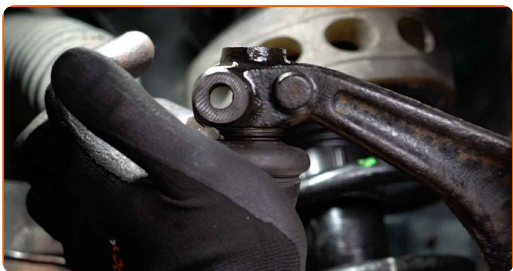
Attach the clamps of the CV joint boot. Use a flat screwdriver. Use clic-R collar pliers. Use a hammer.

**40**

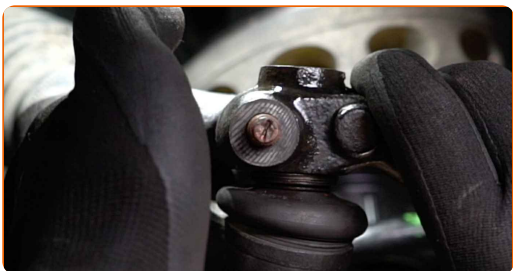
Install the drive shaft.

**41**

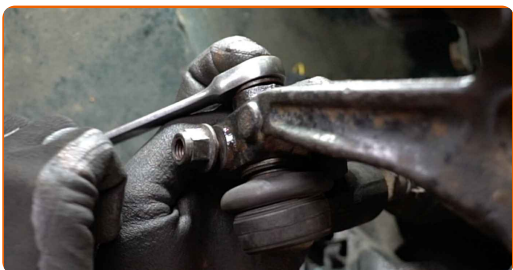
Connect the tie rod end to the steering knuckle.

**42**

Install the fastening bolt.

**43**

Screw in the tie rod end fastening bolt. Use a combination spanner #13.

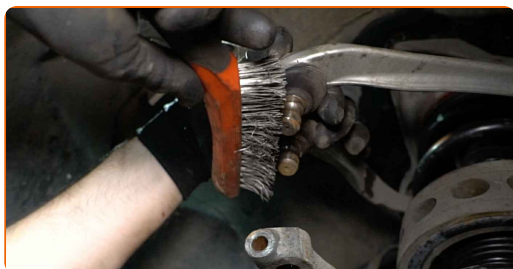


44 Install the fastening bolt.

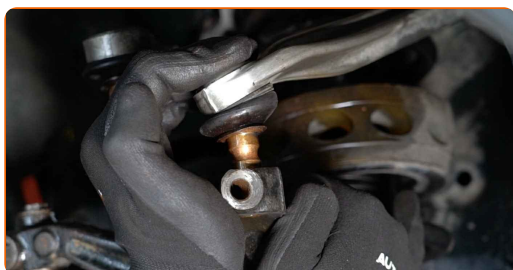
45 Screw in the tie rod end fastening bolt. Use a drive socket #16. Use a ratchet wrench.



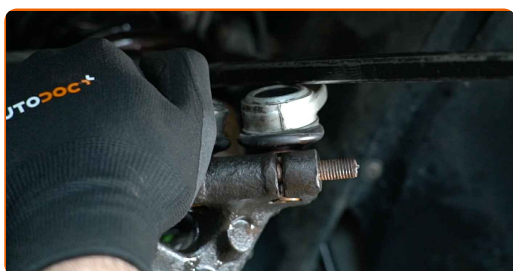
46 Clean the mounting seats and the thread of the suspension arm. Use a wire brush. Use WD-40 spray.



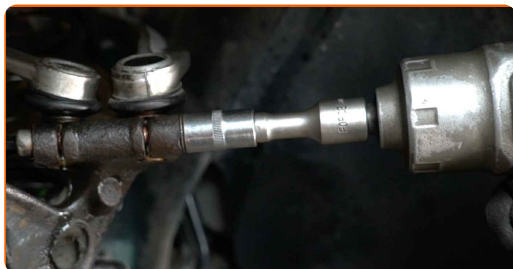
47 Install the control arms.



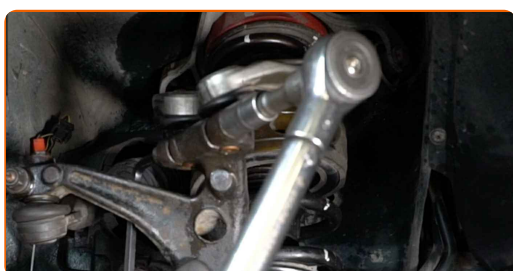
48 Install the fastening bolt. Use a crowbar.



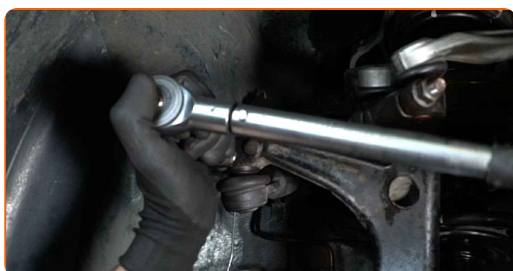
49 Screw in the fasteners of the upper control arms. Use a drive socket #16. Use HEX No.H8. Use a ratchet wrench.



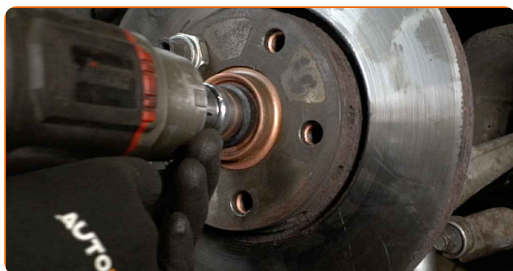
50 Tighten the upper arm fastenings. Use a drive socket #16. Use HEX No.H8. Use a torque wrench. Tighten it to 40 Nm torque.



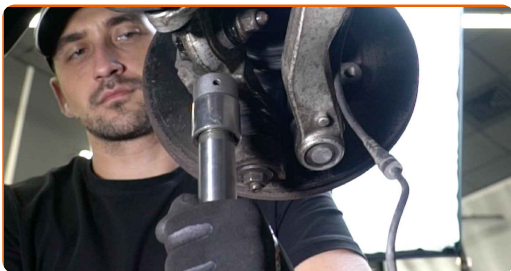
51 Tighten the tie rod end fastening bolt. Use a drive socket #16. Use a torque wrench. Tighten it to 45 nm torque.



52 Install and tighten the drive shaft bolt. Use a drive socket #27. Use a ratchet wrench.



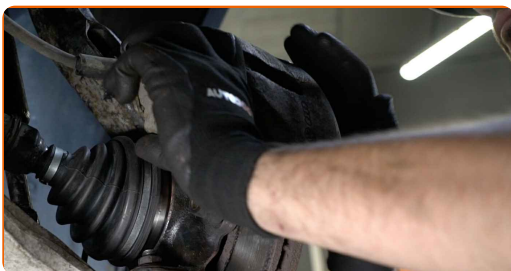
53 Remove the support from under the steering knuckle.



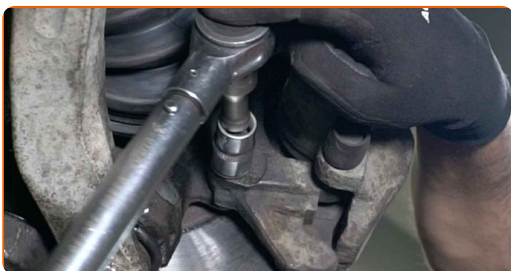
AUTODOC recommends:

- AUDI A4 Avant (8D5, B5) – Do not lower the transmission jack sharply to avoid damaging components and mechanisms of the car.

54 Install the brake caliper together with its bracket.



55 Tighten the brake caliper bracket. Use a drive socket #17. Use a torque wrench. Tighten it to 130 Nm torque.



56 Treat all joints of the arm. Treat the steering knuckle fasteners. Use copper grease.

57

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



58

Clean the brake disk surface. Use a brake cleaner.



AUTODOC recommends:

- Replacement: CV joint – AUDI A4 Avant (8D5, B5). After applying the spray, wait a few minutes.

59

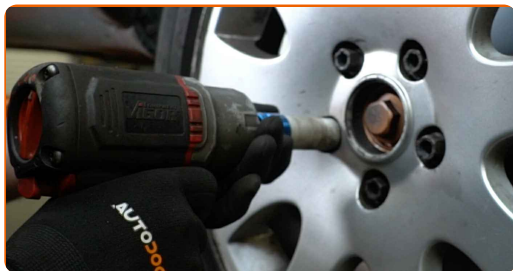
Install the wheel.



AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts. AUDI A4 Avant (8D5, B5)

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



61 Lower the car.

62 Tighten the bolt connecting the drive shaft to the wheel hub. Use a drive socket #27. Use a torque wrench. Tighten it to 115 Nm torque. +180°



AUTODOC recommends:

- Important! Be sure to use new fasteners.

63 Tighten the wheel bolts using a criss-cross pattern. Use wheel impact socket #17. Use a torque wrench. Tighten it to 120 Nm torque.



64

Remove the jacks and chocks.



Replacement: CV joint – AUDI A4 Avant (8D5, B5). Tip:

- Without starting the engine, press the brake pedal several times until you feel significant resistance.

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

CV JOINT: 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.