



How to change track rod
end on **AUDI A6 Avant**
(4F5, C6) – replacement
guide

SIMILAR VIDEO TUTORIAL



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

Important!

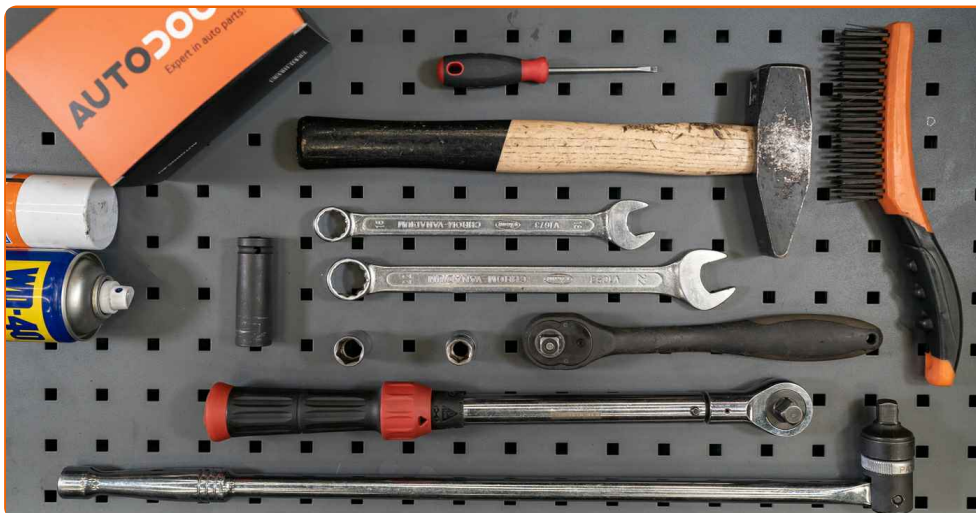
This replacement procedure can be used for:

AUDI A6 Avant (4F5, C6) 3.0 TFSI quattro, AUDI A6 Avant (4F5, C6) 2.0 TDI, AUDI A6 Avant (4F5, C6) 2.7 TDI, AUDI A6 Avant (4F5, C6) 3.0 TDI quattro, AUDI A6 Avant (4F5, C6) 3.2 FSI, AUDI A6 Avant (4F5, C6) 3.2 FSI quattro, AUDI A6 Avant (4F5, C6) 4.2 quattro, AUDI A6 Avant (4F5, C6) 2.4, AUDI A6 Avant (4F5, C6) 2.4 quattro, AUDI A6 Avant (4F5, C6) 2.7 TDI quattro, AUDI A6 Avant (4F5, C6) 2.0 TFSI, AUDI A6 Avant (4F5, C6) S6 quattro, AUDI A6 Avant (4F5, C6) 4.2 FSI quattro, AUDI A6 Avant (4F5, C6) 2.8 FSI, AUDI A6 Avant (4F5, C6) 3.0 quattro, (+ 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: AUDI A4 Saloon (8E2, B6) 1.8 T quattro

REPLACEMENT: TRACK ROD END – AUDI A6 AVANT (4F5, C6). TOOLS YOU MIGHT NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #19
- Combination spanner #22
- Drive socket # 13
- Drive socket # 16
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Vernier caliper
- Flat chisel
- Hammer
- Wheel chock

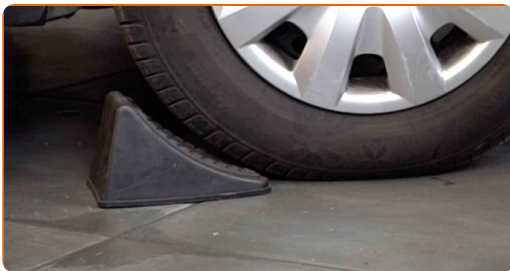
Buy tools

Replacement: track rod end – AUDI A6 Avant (4F5, C6). AUTODOC recommends:

- Replace tie rod ends in pairs.
- The replacement procedure is identical for the right and left tie rod ends.
- Please note: all work on the car – AUDI A6 Avant (4F5, C6) – 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.

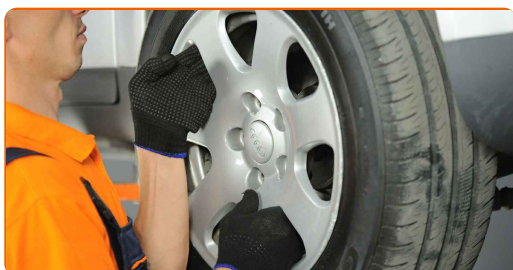
4 Unscrew the wheel bolts.



AUTODOC recommends:

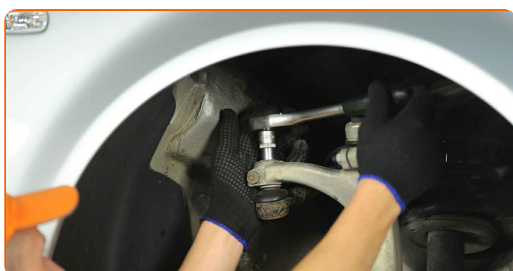
- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.
AUDI A6 Avant (4F5, C6)

5 Remove the wheel.

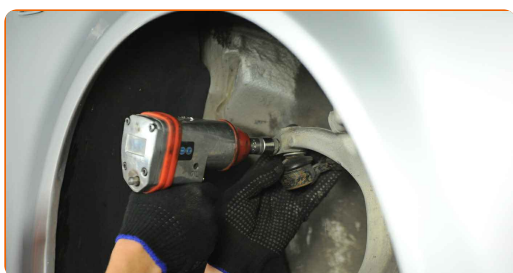


6 Clean the fastener connecting the tie rod end to the steering knuckle. Use a wire brush. Use WD-40 spray.

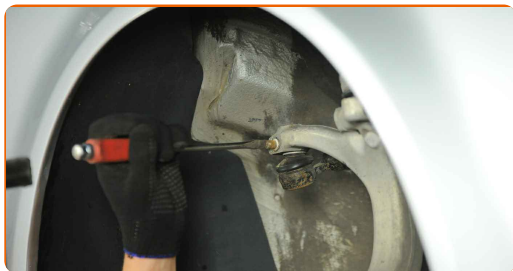
7 Loosen the tie rod end fastening bolt. Use a drive socket #13. Use a ratchet wrench.



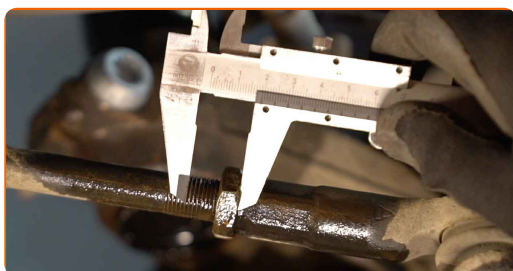
8 Unscrew the end fastening nut to the steering knuckle. Use a drive socket #16. Use a ratchet wrench.



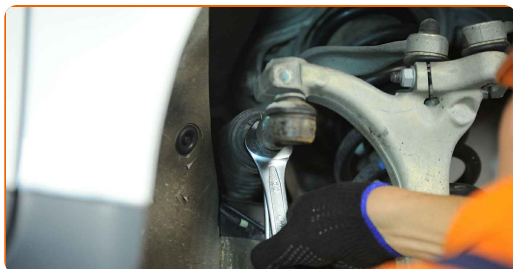
9 Remove the fastening bolt. Use a flat metal-working chisel. Use a hammer.



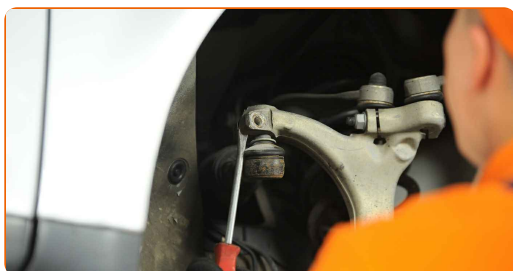
10 When deinstalling, mark or measure the precise position of the ball joint on the track rod, or count the number of turns in order to prevent misalignment afterward. Use a vernier caliper.



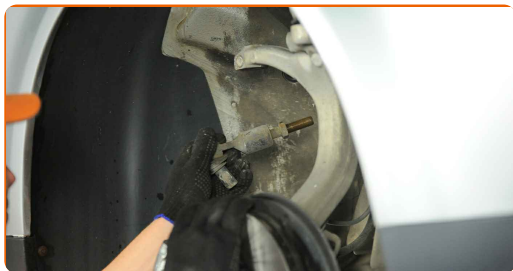
11 Loosen the lock nut securing the tie rod end to the tie rod. Use a combination spanner #19. Use a combination spanner #22.



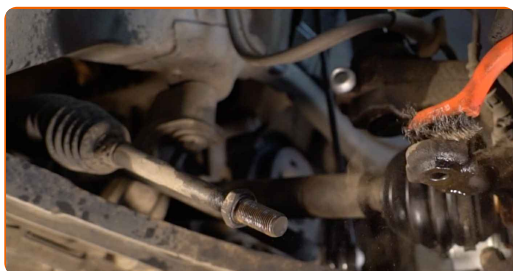
12 Disconnect the tie rod end from the steering knuckle. Use a flat metal-working chisel. Use a hammer.



13 Screw the end out of the tie rod.



14 Clean the mounting seats of the tie rod end. Use a wire brush. Use WD-40 spray.



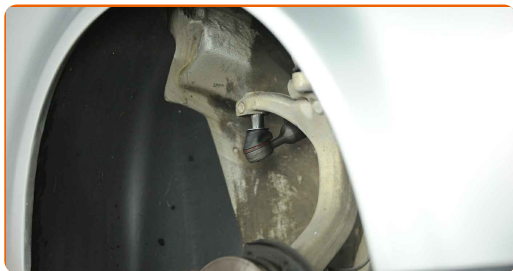
15 Screw on a new tie rod end.



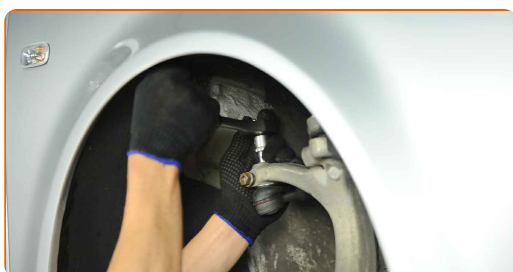
Replacement: track rod end – AUDI A6 Avant (4F5, C6). Professionals recommend:

- While installing the steering rod end remember to make the same number of turns or to leave the same length of thread showing as per your measurements.

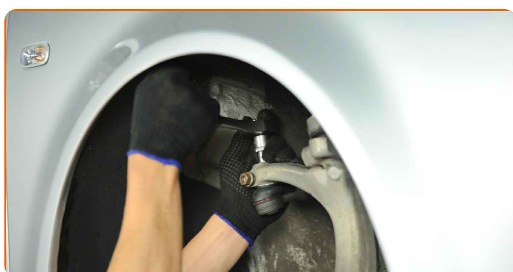
16 Connect the tie rod end to the steering knuckle. Use a hammer.



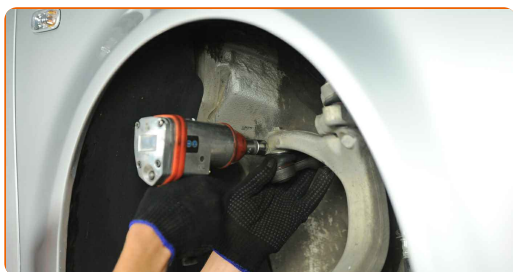
17 Install the fastening bolt. Use a hammer.



18 Tighten the tie rod end fastening bolt. Use a drive socket #13. Use a torque wrench. Tighten it to 7 nm torque.



19 Tighten the fastening nut connecting the tie rod end to the steering knuckle. Use a drive socket #16. Use a torque wrench. Tighten it to 45 nm torque.

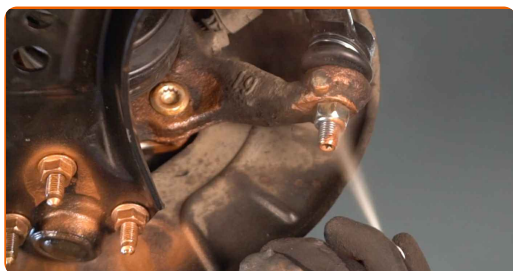


20 Tighten the tie rod end locknut. Use a combination spanner #19. Use a combination spanner #22. Use a torque wrench. Tighten it to 40 nm torque.



21

Treat the fastener connecting the tie rod end to the steering knuckle. Use copper grease.



22

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



23

Clean the brake disk surface. Use a brake cleaner.



AUTODOC recommends:

- Replacement: track rod end – AUDI A6 Avant (4F5, C6). After applying the spray, wait a few minutes.

24

Install the wheel.



AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. AUDI A6 Avant (4F5, C6)

25

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



26

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.



Replacement: track rod end – AUDI A6 Avant (4F5, C6). AUTODOC recommends:

- Check and adjust wheel alignment if necessary.

27

Remove the jacks and chocks.

WELL DONE! 

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TRACK ROD END: A WIDE SELECTION

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