



How to change track rod end on **CITROËN AX (ZA-  
\_)** – 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:

CITROËN AX (ZA-) 1.0 E, CITROËN AX (ZA-) 1.0, CITROËN AX (ZA-) 1.1, CITROËN AX (ZA-) 1.3 Sport, CITROËN AX (ZA-) 1.4, CITROËN AX (ZA-) 1.4 D, CITROËN AX (ZA-) 14 4x4, CITROËN AX (ZA-) 1.5 D, CITROËN AX (ZA-) 1.1 Cat, CITROËN AX (ZA-) 1.4 GTi, CITROËN AX (ZA-) 1.1 4x4, CITROËN AX (ZA-) 1.4 Allure, CITROËN AX (ZA-) 1.4 4x4, CITROËN AX (ZA-) Electric, CITROËN AX (ZA-) 1.4 GT

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: PEUGEOT 206 Hatchback (2A/C) 1.6

**REPLACEMENT: TRACK ROD END – CITROËN AX (ZA-).  
TOOLS YOU NEED:**



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #20
- Combination spanner #22
- Drive socket # 17
- Wheel impact socket #19
- Ratchet wrench
- Torque wrench
- Vernier caliper
- Tap wrench
- Hammer
- Pin punch
- Wheel chock

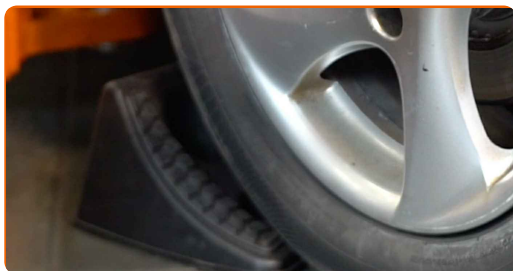
**Buy tools**

Replacement: track rod end – CITROËN AX (ZA-). AUTODOC recommends:

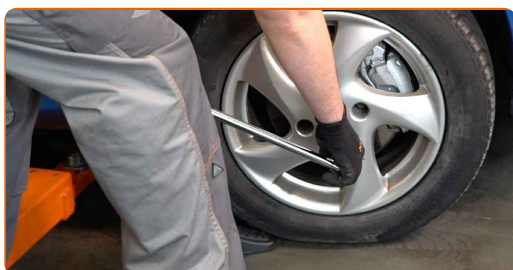
- Replace tie rod ends in pairs.
- The replacement procedure is identical for the right and left tie rod ends.
- Please note: all work on the car – CITROËN AX (ZA-) – should be done with the engine switched off.

## CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

**1** Secure the wheels with chocks.

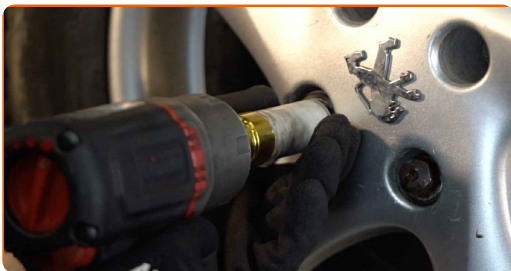


**2** Loosen the wheel mounting bolts. Use wheel impact socket #19.



**3** Raise the front of the car and secure on supports.

**4** Unscrew the wheel bolts.



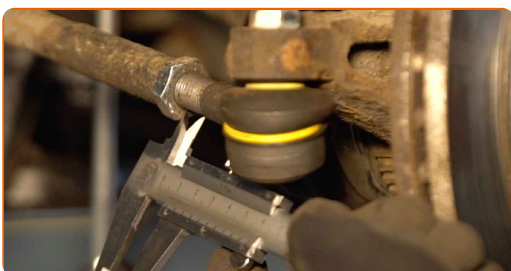
Replacement: track rod end – CITROËN AX (ZA-...). Tip:

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

**5** Remove the wheel.



**6** 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.



7

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



8

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



9

Unscrew the end fastening nut to the steering knuckle. Use a drive socket #17. Use a tap wrench.



10

Disconnect the tie rod end from the steering knuckle. Use a pin punch. Use a hammer.



**11** Screw the end out of the tie rod.



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



**13** Screw on a new tie rod end.



Replacement: track rod end – CITROËN AX (ZA-). AUTODOC experts 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.

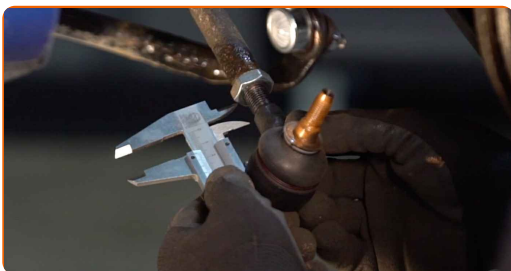
**14**

Connect the tie rod end to the steering knuckle.



**15**

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.



**16**

Treat the threaded part of the tie rod. Use copper grease.

**17**

Screw on the fastening nut that connects the tie rod end to the steering knuckle. Use a drive socket #17. Use a ratchet wrench.

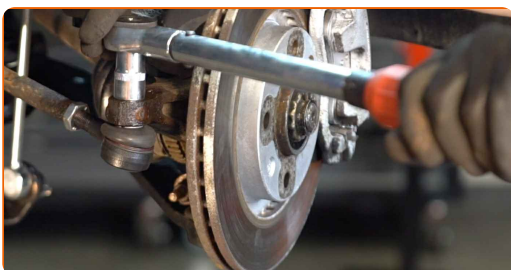


**18**

Tighten the tie rod end locknut. Use a combination spanner #20. Use a combination spanner #22. Use a torque wrench. Tighten it to 55 nm torque.

**19**

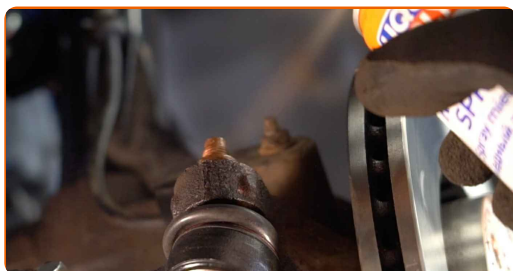
Tighten the fastening nut connecting the tie rod end to the steering knuckle. Use a drive socket #17. Use a torque wrench. Tighten it to 35 nm torque.





20

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



21

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



22

Clean the brake disk surface. Use a brake cleaner.



**AUTODOC recommends:**

- Replacement: track rod end – CITROËN AX (ZA-). After applying the spray, wait a few minutes.

23

Install the wheel.

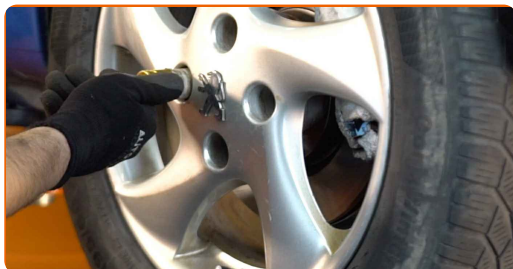


Replacement: track rod end – CITROËN AX (ZA-). Tip from AUTODOC experts:

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

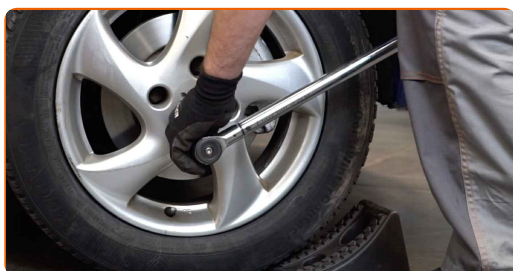
24

Screw in the wheel bolts. Use wheel impact socket #19.



25

Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 100 nm torque.



Replacement: track rod end – CITROËN AX (ZA-). Tip:

- Check and adjust wheel alignment if necessary.

26

Remove the jacks and chocks.



**WELL DONE!** 

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**TRACK ROD END: A WIDE SELECTION**

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