



How to change track rod  
end on **Citroen C11 PM**  
**PN** – replacement guide

## VIDEO TUTORIAL

** Important!**

This replacement procedure can be used for:

CITROËN C1 (PM\_, PN\_) 1.4 HDi, CITROËN C1 II (PA\_, PS\_) 1.0 VTi 68, CITROËN C1 II (PA\_, PS\_) 1.2 VTi 82, CITROËN C1 II (PA\_, PS\_) 1.0 VTi 72

The steps may slightly vary depending on the car design.

REPLACEMENT: TRACK ROD END – CITROEN C1 1 PM  
PN. TOOLS YOU NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #17
- Combination spanner #19
- Drive socket # 17
- Drive socket # 19
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Flat Screwdriver
- Round-nose pliers
- Nippers
- Tap wrench
- Vernier caliper
- Crow bar
- Ball joint puller
- Wheel chock

**BUY TOOLS**

Replacement: track rod end – Citroen C1 1 PM PN. AUTODOC recommends:

- Replace tie rod ends in pairs.
- The replacement procedure is identical for the right and left tie rod ends.
- All work should be done with the engine stopped.

## REPLACEMENT: TRACK ROD END – CITROEN C1 1 PM PN. TAKE THE FOLLOWING STEPS:

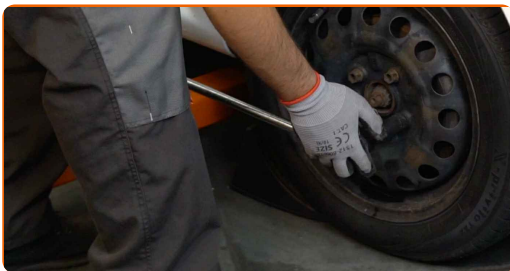
1

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.



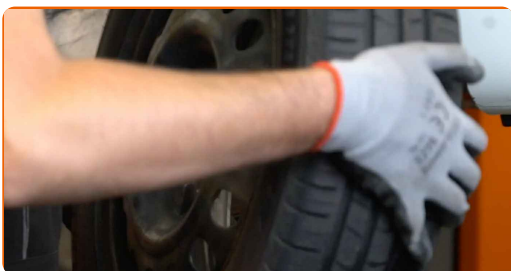
**4** Unscrew the wheel bolts.



Replacement: track rod end – Citroen C1 1 PM PN. Tip:

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

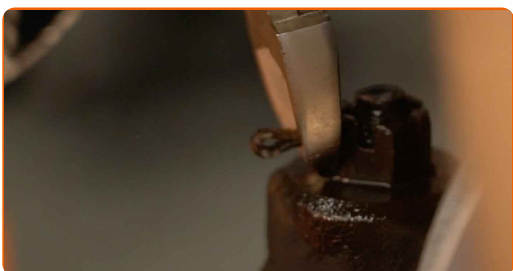
**5** Remove the wheel.



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



- 7 Remove the cotter pin fixing the tie rod end fastening. Use a crowbar. Use a flat screwdriver. Use round-nose pliers.

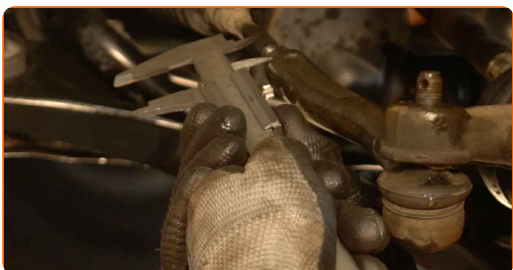


- 8 Remove the cotter pin. Use a crowbar. Use nippers.

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



- 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.

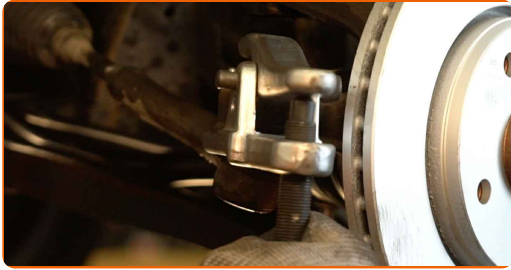


- 11 Loosen the lock nut securing the tie rod end to the tie rod. Use a combination spanner #19.



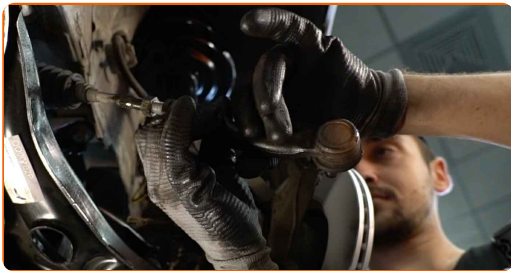
**12**

Disconnect the tie rod end from the steering knuckle. Use a ball joint puller.



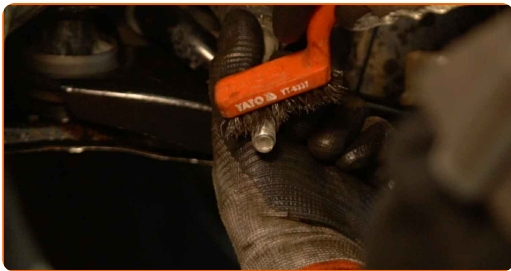
**13**

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 – Citroen C1 1 PM PN. AUTODOC experts recommend:

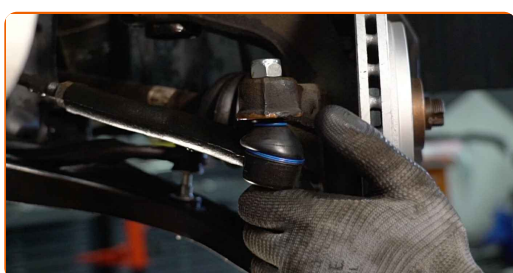
- While installing the steering rod end remember to make the same number of turns or to leave the same length of thread showing as per your measurements.



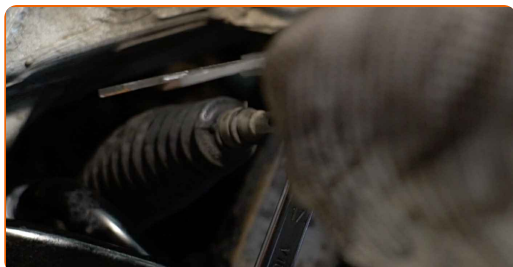
**16** Connect the tie rod end to the steering knuckle.



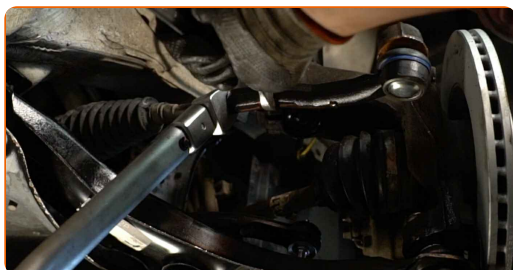
**17** Screw on the fastening nut that connects the tie rod end to the steering knuckle. Use a drive socket #19. Use a ratchet wrench.



**18** 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.

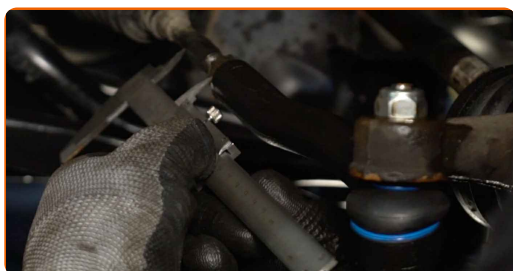


**19** Tighten the tie rod end locknut. Use a combination spanner #17. Use a combination spanner #19. Use a torque wrench. Tighten it to 47 nm torque.





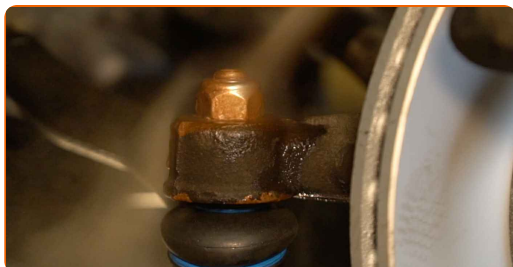
- 20 When deinstalling, mark or measure the precise position of the ball joint on the track rod, or count the number of turns in order to prevent misalignment afterward. Use a vernier caliper.



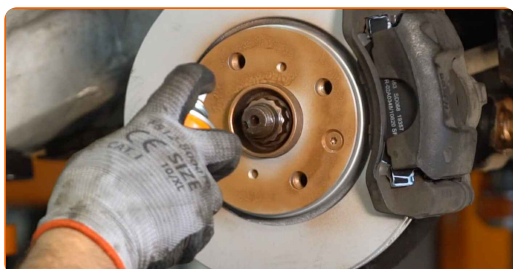
- 21 Tighten the fastening nut connecting the tie rod end to the steering knuckle. Use a drive socket #19. Use a torque wrench. Tighten it to 33 nm torque.



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



- 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.

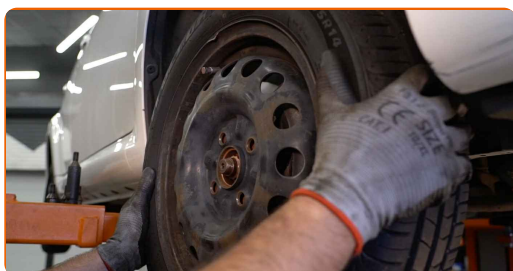


**AUTODOC recommends:**

- Replacement: track rod end – Citroen C1 1 PM PN. After applying the spray, wait a few minutes.

25

Install the wheel.

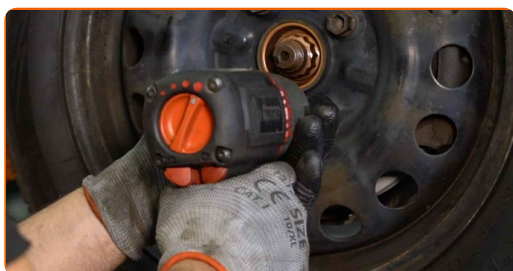


Replacement: track rod end – Citroen C1 1 PM PN. Tip from AUTODOC:

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

26

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



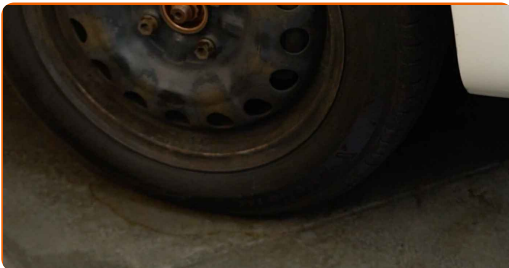
- 27** Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 100 nm torque.



Replacement: track rod end – Citroen C1 1 PM PN. Professionals recommend:

- Check and adjust wheel alignment if necessary.

- 28** Remove the jacks and chocks.



**WELL DONE!** 

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