



How to change track rod
end on **CITROËN**
Berlingo / Berlingo First
I (MF, GJK, GFK) –
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 Berlingo / Berlingo First I (MF, GJK, GFK) 1.4 i, CITROËN Berlingo / Berlingo First I (MF, GJK, GFK) 1.9 D, CITROËN Berlingo / Berlingo First I (MF, GJK, GFK) 1.1 i, CITROËN Berlingo / Berlingo First I (MF, GJK, GFK) 1.8 i, CITROËN Berlingo / Berlingo First I (MF, GJK, GFK) 2.0 HDI 90, CITROËN Berlingo / Berlingo First I (MF, GJK, GFK) 1.8 D, CITROËN Berlingo / Berlingo First I (MF, GJK, GFK) 1.8 i 4WD, CITROËN Berlingo / Berlingo First I (MF, GJK, GFK) 1.9 D 4WD, CITROËN Berlingo / Berlingo First I (MF, GJK, GFK) 1.6 16V, CITROËN Berlingo / Berlingo First I (MF, GJK, GFK) 1.4 i bivalent, CITROËN Berlingo / Berlingo First I (MF, GJK, GFK) 1.4 bivalent, CITROËN Berlingo / Berlingo First I (MF, GJK, GFK) 1.6 HDI 75, CITROËN Berlingo / Berlingo First I (MF, GJK, GFK) 1.6 HDI 90, CITROËN Berlingo / Berlingo First I (MF, GJK, GFK) 2.0 HDi 4x4, CITROËN Berlingo / Berlingo First I (MF, GJK, GFK) 1.4

The steps may slightly vary depending on the car design.

Please note that this tutorial was created based on the replacement procedure for this car part on a car with a similar design.

This tutorial was created based on the replacement procedure for a similar car part on: CITROËN Xsara Picasso (N68) 2.0 HDi

REPLACEMENT: TRACK ROD END – CITROËN
BERLINGO / BERLINGO FIRST I (MF, GJK, GFK). TOOLS
YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #19
- Combination spanner #21
- Drive socket # 17
- Wheel impact socket #19
- Torque wrench
- Tap wrench
- Vernier caliper
- Ball joint puller
- Wheel chock

[Buy tools](#)

Replacement: track rod end – CITROËN Berlingo / Berlingo First I (MF, GJK, GFK). AUTODOC experts recommend:

- Replace tie rod ends in pairs.
- The replacement procedure is identical for the right and left tie rod ends.
- During the installation process, use only new bolts and nuts.
- Please note: all work on the car – CITROËN Berlingo / Berlingo First I (MF, GJK, GFK) – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

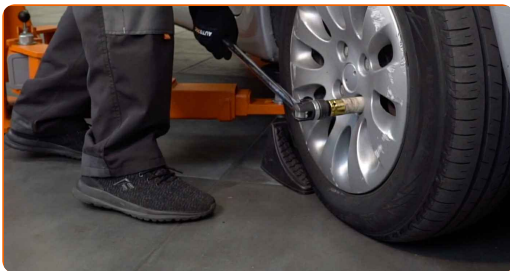
1

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 Berlingo / Berlingo First I (MF, GJK, GFK). Tip from AUTODOC:

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

5

Remove the wheel.



6

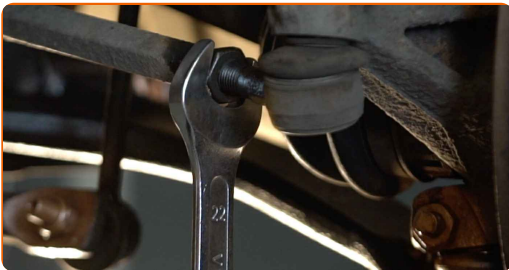
Clean the fastener connecting the tie rod end to the steering knuckle. Use a wire brush. Use WD-40 spray.



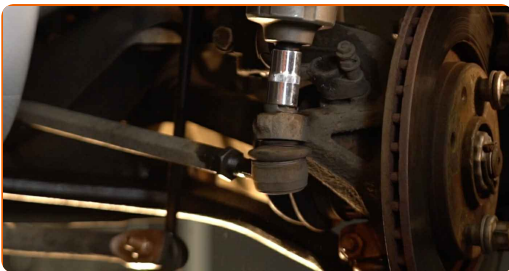
- 7 When deinstalling, mark or measure the precise position of the ball joint on the track rod, or count the number of turns in order to prevent misalignment afterward. Use a vernier caliper.



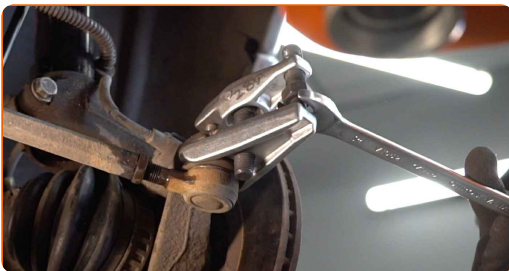
- 8 Loosen the lock nut securing the tie rod end to the tie rod. Use a combination spanner #21 (2 pieces).



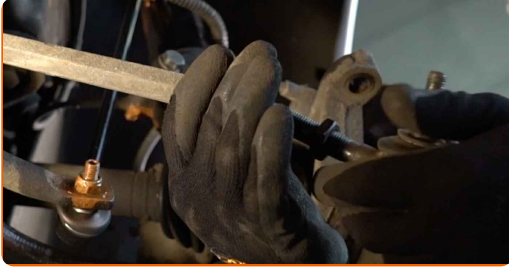
- 9 Unscrew the end fastening nut to the steering knuckle. Use a drive socket #17. Use a tap wrench.



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



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 Berlingo / Berlingo First I (MF, GJK, GFK). AUTODOC recommends:

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

16 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.



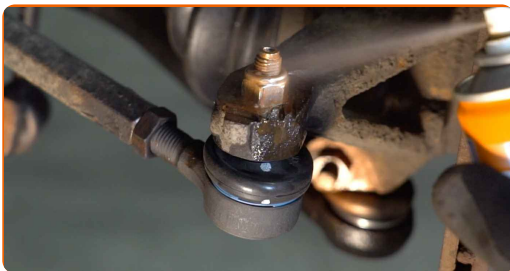
17 Tighten the fastening nut connecting the tie rod end to the steering knuckle. Use a drive socket #17. Use a torque wrench. Tighten it to 49 nm torque.



18 Tighten the tie rod end locknut. Use a combination spanner #19 (2 pieces). Use a torque wrench. Tighten it to 62 nm torque.



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



20

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



21

Clean the brake disk surface. Use a brake cleaner.



AUTODOC recommends:

- Replacement: track rod end – CITROËN Berlingo / Berlingo First I (MF, GJK, GFK).
After applying the spray, wait a few minutes.

22

Install the wheel.



Replacement: track rod end – CITROËN Berlingo / Berlingo First I (MF, GJK, GFK). AUTODOC experts recommend:

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

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



24 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 Berlingo / Berlingo First I (MF, GJK, GFK). Professionals recommend:

- Check and adjust wheel alignment if necessary.

25 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

TRACK ROD END: 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.