



How to change track rod  
end on **CITROËN Xsara**  
**Box Body / Estate** –  
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 Xsara Box Body / Estate 2.0 HDi

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: CITROËN Berlingo / Berlingo First I Van (M) 1.9 D

REPLACEMENT: TRACK ROD END – CITROËN XSARA  
BOX BODY / ESTATE. LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- All-purpose cleaning spray
- Brake cleaner
- Ceramic grease
- Copper grease
- Torque wrench
- Combination spanner #16
- Combination spanner #22
- Drive socket # 17
- Wheel impact socket #19
- Ball joint puller
- Ratchet wrench
- Vernier caliper
- Wheel chock

**Buy tools**

Replacement: track rod end – CITROËN Xsara Box Body / Estate. Tip from AUTODOC experts:

- 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 Xsara Box Body / Estate – 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.



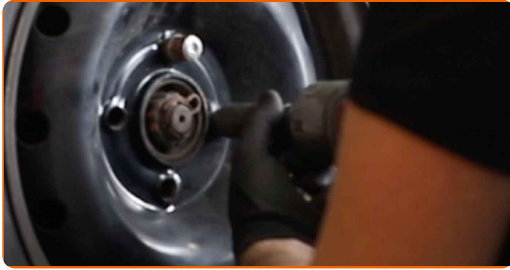
**3** Raise the car.

### AUTODOC recommends:

- If you are using a jack, make sure it rests on a flat surface without any unevenness.
- Be sure to additionally secure the car with jack stands.

4

Unscrew the wheel bolts.

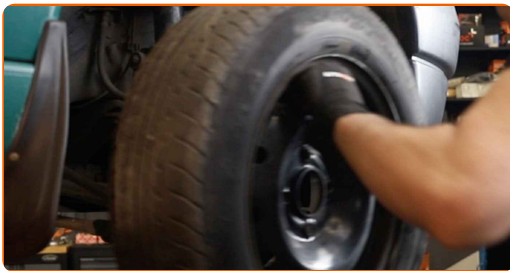


AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.  
CITROËN Xsara Box Body / Estate

5

Remove the wheel.

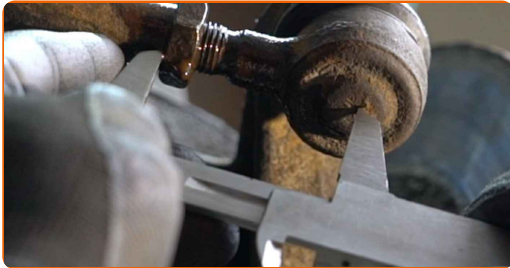


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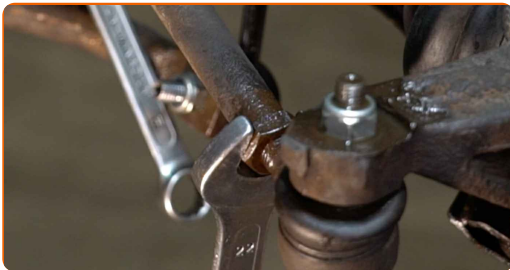
Clean all tie rod end connections. Use a wire brush. Use WD-40 spray.



- 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.



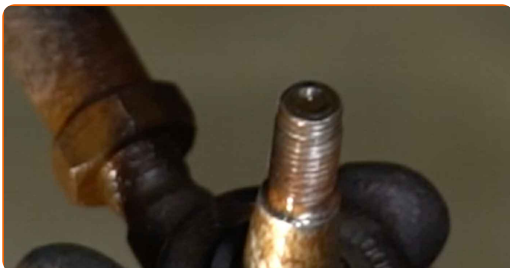
- 8 Loosen the lock nut securing the tie rod end to the tie rod. Use a combination spanner #16. Use a combination spanner #22.



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



- 10 Disconnect the tie rod end from the steering knuckle.



**AUTODOC recommends:**

- Use a ball joint puller if necessary.

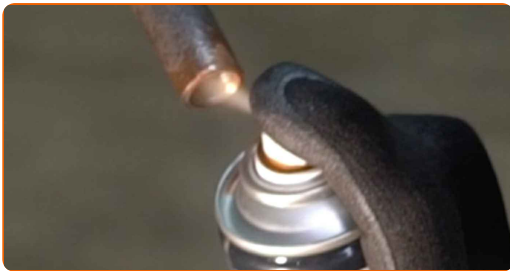
11 Screw the end out of the tie rod.



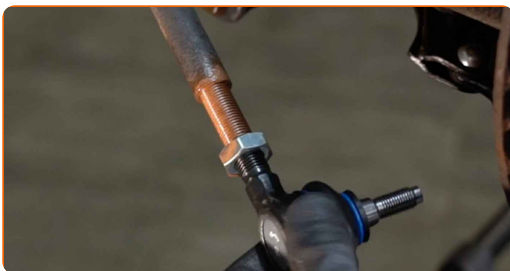
12 Clean the mounting seats of the tie rod end. Use a wire brush. Use all-purpose cleaning spray.



13 Treat the mounting seats of the tie rod end. Use copper grease.



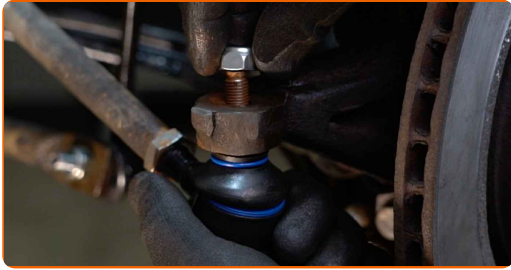
14 Screw on a new tie rod end. Use a vernier caliper.



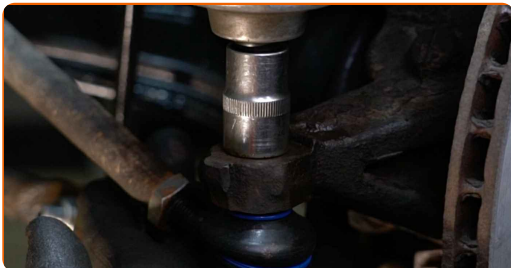
Replacement: track rod end – CITROËN Xsara Box Body / Estate. AUTODOC experts recommend:

- 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.

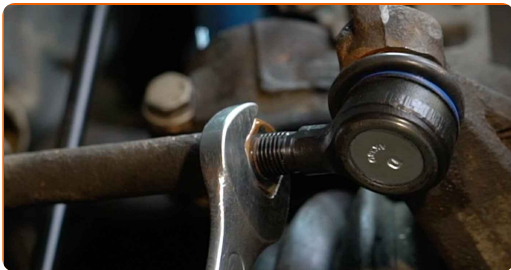
**15** Connect the tie rod end to the steering knuckle.



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



**17** Set the tie rod end to the correct position and secure it with the lock nut. Use a vernier caliper. Use a combination spanner #16. Use a combination spanner #22.



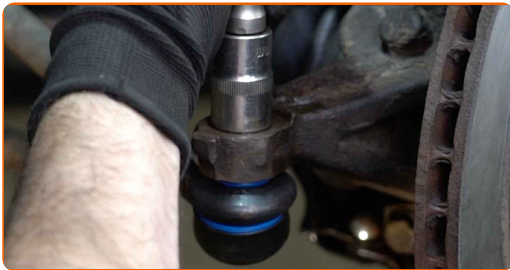
**18** Tighten the tie rod end locknut. Use a combination spanner #16. Use a combination spanner #22. Use a torque wrench. Tighten it to 45 nm torque.





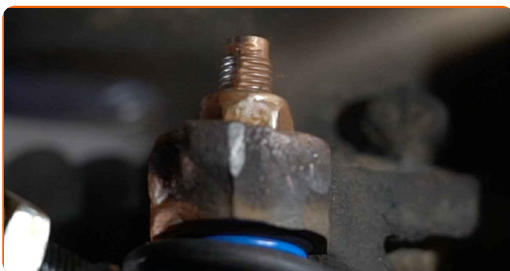
19

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 40 nm torque.



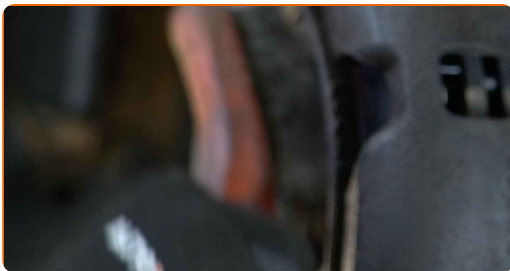
20

Treat all tie rod end connections. Use copper grease.



21

Clean the wheel rim mounting seat. Use a wire brush.



22

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



23

Clean the brake disk surface. Use a brake cleaner.

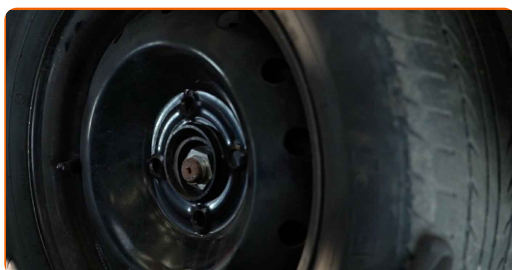


AUTODOC recommends:

- Replacement: track rod end – CITROËN Xsara Box Body / Estate. 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. CITROËN Xsara Box Body / Estate

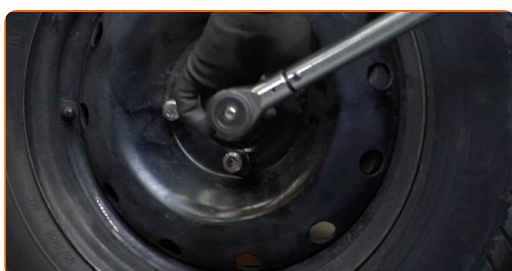
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Screw in the wheel bolts. Use wheel impact socket #19.



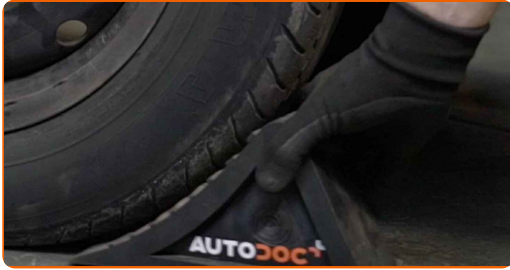
26

Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #19. Use a torque wrench. Tighten it to 90 Nm torque.



27

Remove the jacks and chocks.



Replacement: track rod end – CITROËN Xsara Box Body / Estate. AUTODOC recommends:

- After replacing the component, it is advisable to realign the wheels using a wheel aligner.

**WELL DONE!** 

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